

FORM PTO-170 (REV 10-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 01212	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (Reference to 35 CFR 1.5) 097926598	
INTERNATIONAL APPLICATION NO. PCT/AU00/00551		INTERNATIONAL FILING DATE May 25, 2000		PRIORITY DATE CLAIMED May 27, 1999	
TITLE OF INVENTION METHOD AND DATA PROCESS SYSTEM FOR ANALYSING AND TIMING BUY/ SELL TIPS AS AN AID TO INVESTMENT DECISION MAKING ON A TRADEABLE ASSET OR SECURITY					
APPLICANT(S) FOR DO/EO/US BAKAYA, Anil; BAKAYA Dhiraj Dylan					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.					
2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.					
3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).					
4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).					
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).					
b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.					
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).					
b. <input type="checkbox"/> have been communicated by the International Bureau.					
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.					
d. <input type="checkbox"/> have not been made and will not be made.					
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11 to 16 below concern document(s) or information included:					
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.					
<input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.					
14. <input type="checkbox"/> A substitute specification.					
15. <input type="checkbox"/> A change of power of attorney and/or address letter.					
16. <input type="checkbox"/> Other items or information:					

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<p>17 <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; font-size: 0.8em;">CALCULATIONS</th> <th style="text-align: left; font-size: 0.8em;">PTO USE ONLY</th> </tr> <tr> <td colspan="2" style="height: 100px; vertical-align: top;"> <p>ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 1,040.00</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ 130.00</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> <th></th> </tr> <tr> <td>Total claims</td> <td>11-20 =</td> <td>0</td> <td>X \$18.00</td> <td>\$</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>3-3 =</td> <td>0</td> <td>X \$84.00</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+\$280.00</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS</td> <td>=</td> <td>\$ 1,170.00</td> </tr> <tr> <td colspan="4"><input checked="" type="checkbox"/> Applicant claims small entity status. 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Dkt. 01212

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Group Art Unit:

ANIL BAKAYA et al Examiner:

Serial No.: US National Phase of
PCT/AU00/00551

Filed: concurrently herewith

For: METHOD AND DATA PROCESS SYSTEM FOR ANALYSING AND TIMING
BUY/SELL TIPS AS AN AID TO INVESTMENT DECISION MAKING ON
A TRADEABLE ASSET OR SECURITY

PRELIMINARY AMENDMENT

Honorable Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Before calculation of the filing fee, please amend the
above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as set forth hereinbelow:

Cancel claims 2-30 without prejudice or disclaimer of the
subject matter thereof, and add the following new claims:

- 31. A method for analyzing data and determining the
timing of buy/sell tips as an aid to making an investment
decision tradeable assets or securities including the steps of
- (a) receiving data on a number of specified assets or
securities,

(b) determining the technical strength of each asset or security from recorded market characteristics of the security as a function of the volume trade of the security, the price at which the trade took place, and the direction of movement of the price, and ranking the technical strength of each asset or security,

(c) selecting a tradeable asset or securities having a ranking or value of technical strength above a predetermined ranking or value,

(d) determining the fundamental strength of the selected assets or securities based on one or more of a group of selected variables and ranking those selected assets or securities, based on the fundamental strength, and

(e) selecting or facilitating the selection of securities which are suitable for purchasing and/or securities which are suitable for selling based on the combination of the technical strength and fundamental strength of the security.

32. The method of claim 31, wherein a volume index is calculated as:

$$\text{Volume Index} = \frac{\text{Actual volume over a length of time}}{\text{average volume over the same length of time}}$$

33. The method according to claim 32, wherein a table is created listing the volume index of each tradeable asset or security in a selected group of tradeable assets or securities

in ascending or descending order over a predetermined period of time and wherein the technical strength of an asset or security is a combination of the price movement of the asset or security and the volume index.

34. The method of claim 33, wherein an asset or security having a combination of a high volume index and an upward relative price movement is defined as having an upward technical strength or momentum up and wherein an asset or security having a high volume index and a downward relative price movement relative to the table of volume indices is defined as having a downward technical strength or momentum down.

35. The method according to claim 31, wherein at least one fundamental strength characteristic is selected depending on the market sector and possible market capitalization and the asset or securities selected on the basis of technical strength are marked according to said fundamental strength characteristic.

36. The method according to claim 35, wherein the fundamental strength is a function of the volume index and at least one of the criteria selected from the group consisting of:

- (i) Dividend yield;
- (ii) NT A/Price;

- (iii) P/E;
- (iv) P/EBITDAPS;
- (v) P/EVAPS;
- (vi) Discount to Historical High or Premium to Historical Low;
- (vii) Gearing level;
- (viii) Discount/Premium to Brokers' Recommended Buy/Sell Price;
- (ix) Price to sales per asset or security;
- (x) Market capitalization;
- (xi) Stocks which are market leaders or have a position of market dominance or high market share in their respective industry/principal market;
- (xii) Stocks which had return on shareholders' equity greater than amount say 15% per annum or 25% per annum in last/X financial year or financial quarter;
- (xiii) Stocks which have high quality credit rating from rating agencies such as Standard & Poor's, Moody's, other rating agencies etc;
- (xiv) Identify stocks as per pre-selected categories of credit ratings.
- (xv) Stocks which have low or high (on a relative basis) P/CFPS where CFPS is per share free cash flow defined by earnings plus depreciation minus capital spending minus dividends;

(xvi) Stocks which have low volatility/high volatility;

(xvii) Stocks where top executives or top 20 shareholders have significant shareholding in the company;

(xviii) Stocks which are at a premium/discount to industry group or an overall market based on various criteria;

(xix) Stocks which have high/low gross margins;

(xx) Stocks which have a debt level less/more than industry benchmark or S&P 500 or any other appropriate benchmarks;

(xxi) Stocks which have a good/erratic track record of profitability;

(xxii) Stocks where inventories are declining/increasing;

(xxiii) Stocks where major new products/services have been launched or where new management is in place;

(xxiv) Stocks where insiders are selling more than average or where insiders are buying more than average with identification of stocks where institutional sponsors are increasing/decreasing;

(xxv) Stocks where there is growth/decline in physical volumes of sales or production or inventories;

(xxvi) Stocks where profit margins are rising (buy opportunity/signal/tip) or falling (sell opportunity/signal/tip), stocks where return on capital employed is higher/lower than an industry benchmark and stocks where earnings/revenue is higher/lower than an industry

benchmark;

(xxvii) Stocks which have a higher/lower than benchmark/
average growth in sales/profits/physical volumes/inventories;

(xxviii) Stock markets of countries where economic conditions
are better or worse than before, and for inter-stock market
comparisons volume indicator in value or dollar terms may be
used for computation of volume index;

(xxix) Stocks which have a low cost structure defined by
operating cost per unit produced or by other criteria;

(xxx) Stocks which have higher than average growth rate in
earnings per share (EPS), net tangible asset backing per share
(NTA), gross cash flow per share (GCF), dividends per share
(DPS);

(xxxi) Among certain sectors like bank stocks certain specific
criteria may be created eg. Total Income/Average Assets,
Operating Costs/Average Assets, Bad Debt Charge/Average
Assets, criteria which may be stated as higher or lower
relative to a benchmark;

(xxxii) Stocks of distressed firms with negative earnings or
negative book values;

(xxxiii) International comparisons of relativities as per
various criteria spelt out and as per criteria which may be
added/introduced later; and

(xxxiv) Other criteria for value selection like Benjamin

Graham's criteria or 200-day moving average comparisons or any other criteria of selection be introduced in the program.

37. A data processing system including a means to receive data on a number of specified assets or securities, a data processing means programmable to use at least one of plurality of filter criteria to analyze said data in accordance with the method of claim 31, and a means to output the results of the analysis.

38. A computer program for carrying out the method in accordance with claim 31.

39. A method of reviewing a portfolio of tradeable assets or securities including the steps of

(a) receiving data on a number of specified assets or securities,

(b) determining the technical strength of each asset or security from recorded market characteristics of the security or asset as a function of the volume traded of the security or asset, the price at which the trade took place, and the direction of movement of the price, and ranking the technical strength of each asset or security in ascending or descending order,

(c) selecting a tradeable asset or security having a ranking or volume of technical strength above a predetermined ranking,

d) determining the fundamental strength of those selected assets or securities based on one or more of a group of selected variables and ranking those selected assets or securities based on their fundamental strength,

e) selecting or facilitating the selection of assets or securities which are suitable for purchasing and/or assets or securities which are suitable for selling based on the combination of the technical strength and fundamental strength and establishing buying and selling benchmarks based on these selections,

f) receiving data on each tradeable asset or security in said portfolio of assets or securities,

g) determining the technical strength and fundamental strength of each portfolio asset or security, and

h) comparing the technical and fundamental strength of each portfolio asset or security with the buying and selling benchmarks established in step (e).

40. A computer program for carrying out the method in accordance with claim 39.--

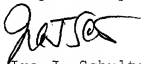
AFTER CALCULATION OF THE FILING FEE, PLEASE CANCEL CLAIM

**1 WITHOUT PREJUDICE OR DISCLAIMER OF THE SUBJECT MATTER
THEREOF.**

REMARKS

The claims have been amended to delete all multiple dependencies, and to generally place the claims in better form for US practice.

Respectfully submitted,



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TITLE: METHOD AND DATA PROCESS SYSTEM FOR ANALYSING
AND TIMING BUY/SELL TIPS AS AN AID TO INVESTMENT DECISION
MAKING ON A TRADEABLE ASSET OR SECURITY

5 This invention relates to a system and method for processing data on tradeable assets or securities. The system and method is particularly suited to the stock market, options market, futures market, exchange/currency market, commodities market, bond market and other markets where assets or securities like shares, options, futures contracts, bonds, real estate or any type of asset are traded.

10 In any market, the price of an asset or security is generally subject to daily fluctuations. However, it is the extraordinary movements in the tradeable price of an asset or security which are the most difficult to identify but also represent the best opportunities to buy and sell the asset or security.

15 Accordingly, it is the object of the present invention to provide a method of analysing the data that is available on tradeable assets or securities and manipulating that data in order to better identify opportunities to purchase and sell those assets or securities.

20 Accordingly, the invention provides a method for analysing and determining the timing of buy/sell tips as an aid to decision making on a tradeable asset or security including the steps of: receiving data on a number of specified assets or securities; determining the technical strength of each asset or security; ranking the technical strength of each asset or security; selecting tradeable assets or securities having a ranking above a predetermined ranking; determining the fundamental strength of those selected assets or securities based on one or more of a group of
25 variables and ranking those selected assets or securities; and, from the selected group of assets or securities, selecting assets or securities which are suitable for buying and/or assets or securities which are suitable for selling.

30 The technical strength of a tradeable asset or security is a function of variables that are calculated from the recorded market characteristics of a tradeable asset or security. These characteristics include the volume traded of the tradeable asset or security and the price at which the trade took place.

Hence the technical strength of a tradeable asset or security provides a strong indication of the demand for the asset or security and price movement of the asset or security. A predetermined level for the ranking is chosen based on experience and the fundamental strength of the selected group analysed based on one or more selected variables.

To determine the technical strength of a tradeable asset or security, it is preferable that the first variable which is calculated for each asset or security is the volume index which is defined as:

$$\text{Volume Index} = \frac{\text{Actual volume over a length of time}}{\text{Average volume over the same length of time based on an } x\text{-period}}$$

This variable gives an indication of whether the asset or security is trading higher or lower than average. For example, if the actual volume over a 3-hour period was 50,000 shares, and the average volume for 3 hours in the previous 1-month was 20,000 shares, then the Volume Index is 2.5. The volume index is combined with the price movement of the asset or security. Figures 1, 6, 6A, 6B, 7 and 8 are tables of shares in which the Volume Index of shares for particular market sectors and market capitalisations have been ranked in descending order.

It is preferable that a table of volume index be created by listing the volume index of each tradeable asset or security in a selected group of tradeable assets or securities in descending order over a period of time which may be, for example, the previous hour, previous trading day, previous trading week etc. That period of time may be one of a number of commonly used selectable periods of time or it may be nominated by the user or operator of the method. This variable is used to identify tradeable assets or securities which are subject to higher than usual volume trades over the given period of time. Together with the table, a note may be presented stating how Volume Index was computed and over which period of time.

The group of tradeable assets or securities under consideration may be reduced by setting a predetermined limit on the ranking or actual level/limit on the

volume index and then only further considering those assets or securities above this preset limit.

The second variable which may be used to determine the technical strength of an asset or security is the price movement which may be also listed and tabulated in descending order of price increases (in percentages) and price falls (in percentages) in the same selected group. The combination of the ranking of the tradeable asset or security in the volume index and the ranking on the price movement gives a measure of the upward technical strength of an asset or security, in the case where the price is increasing and the downward technical strength or weakness, in the case where the price is falling.

When an asset or security undergoes higher than average volume of sales with a corresponding increase in price then this indicates that the asset or security may be considered as a potential opportunity to buy. Conversely, when an asset or security undergoes a larger than average volume of sales with a corresponding decrease in price then this indicates that the asset or security should be considered as a sell opportunity.

It is preferable that tradeable assets or securities are selected from the list of ranked assets/securities. The assets or securities may be selected on the basis of a threshold ranking level as per one or several criteria which have been predetermined and may be based on past experience or on the actual combination of volume index and price movement. As well, they may be affected by recent company announcements, media coverage, comments/rumours, relevant economic events, etc.

It is preferable that for this selected number of tradeable assets or securities, the fundamental strength of the asset or security is determined and used as a filter mechanism to identify opportunities to buy or sell.

Alternatively, the fundamental strength of a group of tradeable assets or securities may be determined and ranked based on one or more criteria from a large number of possible criteria and the technical strength preferably as determined above is used to select from the higher ranked securities, on a fundamental strength basis which assets or securities represent opportunities to buy/sell.

In accordance with another aspect, the invention provides a data processing system which receives market data on tradeable assets or securities on a regular or real-time continuous basis (with or without a time lag) and performs the analysis method outlined above. The data processing system further includes a means such as a remote connectible terminal to output results of the analysis.

The output means may be capable of interacting with the data processing means to direct selection and display criteria.

The invention also relates to a computer program which carries out the method or is included in the data processing system above.

The invention may also provide a computer program and a computer programming element for performing the above described method of analysis.

The invention may also be used to enable an asset and/or securities portfolio manager to regularly or continuously monitor the relative performance of their portfolio. The manager may then make decisions on the buying or selling of assets or securities in the portfolio based on the relative performance and any recommendations made.

Accordingly another aspect of the invention provides a method of reviewing a portfolio of tradeable assets or securities including the steps of: -

- (a) receiving data on a number of specified assets or securities,
- (b) determining the technical strength of each asset or security from recorded market characteristics of the security or asset as a function of the volume traded of the security or asset, the price at which the trade took place, and the direction of movement of the price, and ranking the technical strength of each asset or security in ascending or descending order,
- (c) selecting a tradeable asset or security having a ranking or volume of technical strength above a predetermined ranking,
- (d) determining the fundamental strength of those selected assets or securities based on one or more of a group of selected variables and ranking those selected assets or securities based on their fundamental strength,
- (e) selecting or facilitating the selection of assets or securities which are suitable for purchasing and/or assets or securities which are suitable for selling based on the

combination of the technical strength and fundamental strength and establishing buying and selling benchmarks based on these selections,

f) receiving data on each tradeable asset or security in said portfolio of assets or securities,

5 g) determining the technical strength and fundamental strength of each portfolio asset or security,

h) comparing the technical and fundamental strength of each portfolio asset or security with the buying and selling benchmarks established in step (e), and,

i) processing, computing and/or displaying pros and cons of individual stocks
10 as per various criteria

It is preferable that the steps of establishing benchmarks for buying and selling and proving recommendations be performed on a continuous or regular basis. This enables recommendations to be made on assets or securities in
15 particular sectors of the market almost independently of the overall trend in the market.

The technical strength of an asset or security may be conducted by calculating the volume index as previously defined and using the volume index in conjunction with the magnitude and direction of the price movement of the asset or
20 security as the measure of technical strength.

The fundamental strength of an asset may be determined by selecting at least one fundamental strength characteristic from the later described list of fundamental strength characteristics depending on the market sector, and the assets or securities under consideration are marked according to the one or more selected fundamental
25 strength characteristics.

Other aspects of the invention may also provide a computer program and a computer programming element for performing the above described method of reviewing a portfolio.

The computer program or computer programming element may be loaded on
30 to form part of a data processing means in a data processing system which is

operatively connectible to a remote terminal by such means as an internal network on the Internet to enable interactive operation of the data processing means.

The foregoing and other features, objects and advantages of the present will become more apparent from the following description of the preferred embodiment and accompanying drawings, in which:

Fig. 1 is a table of high volume index shares listed in descending order of volume index on the Australian stock exchange for the trading week ending May 11 1987 in which the shares are separated into market sectors and grouped according to market capitalisation (in this example the Top 15 stocks by Volume Index in each category are selected and identified).

Fig. 2 is a table of shares traded on the Australian stock exchange as on May 11 1987 grouped according to market sectors and capitalisation and ranked in descending order according to NTA/price (this is the reciprocal of the Price-to-Book Value), (in this example the Top 15 stocks in each category as per NTA/Price are selected and identified).

Fig. 3 is a table of shares traded on the Australian stock exchange as on May 11 1987 grouped according to market sectors and capitalisation and ranked in ascending order of P/E ratio, (in this example the lowest 15 stocks in each category as per P/E are selected and identified).

Fig. 4 is a table of shares traded on the Australian stock exchange as on May 11 1987 grouped according to market sectors and market capitalisation and ranked in descending order according to dividend yield, (in this example the Top 15 stocks in each category as per dividend yield are selected and identified).

Fig. 5A is a table of shares traded on the Australian stock exchange for the week ending May 11 1987 grouped according to market sector and market capitalisation and are the best performing stocks ranked in descending order of the percentage rise in share price over the previous week.

Fig. 5B is a table of shares traded on the Australian stock exchange for the week ending May 11 1987 grouped according to market sector and market capitalisation and are the worst performing stocks ranked in descending order of the percentage fall in share price over the previous week.

Fig. 6 is a table of shares traded on the Australian stock exchange for the week ending July 17 1987 for shares grouped according to their market capitalisation and market sector and ranked in descending order of their volume index over the previous week.

5 Fig. 6A is a table of shares traded on the Australian stock exchange for the week ending July 10 1987 for shares grouped according to their market capitalisation and market sector and ranked in descending order of their volume index over the previous week.

10 Fig. 6B is a table of shares traded on the Australian stock exchange for the week ending June 19 1987 for shares grouped according to their market capitalisation and market sector and ranked in descending order of their volume index over the previous week.

15 Fig. 7 is a table of shares traded on the Australian stock exchange for the five weeks ending July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the volume index over the previous five weeks.

20 Fig. 8 is a table of shares traded on the Australian stock exchange for the thirteen weeks ending July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the volume index over the previous thirteen weeks.

25 Fig. 9 is a table of shares traded on the Australian stock exchange for the week ending July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the change of ownership index (change of ownership is defined by the volume of shares traded as a percent of the issued capital).

Fig. 10 is a table of shares traded on the Australian stock exchange for the five weeks ending July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the change of ownership index over the previous five weeks.

30 Fig. 11 is a table of shares traded on the Australian stock exchange for the thirteen weeks ending July 17 1987 for shares grouped according to their market

sector and market capitalisation and ranked in descending order of the change of ownership index over the previous thirteen weeks.

Fig. 12 is a table of shares traded on the Australian stock exchange for the thirteen weeks ending July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the volume index over the previous thirteen weeks. This exhibit is titled Takeover Watch and is prepared after the computer scans through the previous two groups of Exhibits on Volume Indices and change of ownership to identify those stocks with a high correlation.

Fig. 13 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the NTA/price ratio.

Fig. 14 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in ascending order of P/E ratio.

Fig. 15 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the P/E ratio.

Fig. 16 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of dividend yield.

Fig. 17 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in ascending order of yield.

Fig. 18 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of yield and listing the dividend for each. The computer identifies those stocks which have had at least a 2-year history of producing good dividends as well as producing an annual capital appreciation of at least the bank deposit rate.

Fig. 19A is a listing in descending order of premium to recommended selling price together with the name of the broker recommending the selling opportunity.

Fig. 19B is a listing in descending order of discount to recommended buying price together with the name of the broker(s) recommending the buying opportunity.

Fig. 20 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the percentage increase in share price over the previous week.

Fig. 21 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the percentage increase in share price over the previous five weeks.

Fig. 22 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of percentage price rise over the previous thirteen weeks.

Fig. 23 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the percentage price rise in the share price over the previous fifty-two weeks.

Fig. 24 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the percentage price fall in the share price over the previous week.

Fig. 25 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the percentage price fall in the share price over the previous five weeks.

Fig. 26 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market

capitalisation and ranked in descending order of the percentage price fall in the share price over the previous thirteen weeks.

Fig. 27 is a table of shares traded on the Australian stock exchange as on July 17 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the percentage price fall in the share price over the previous 52 weeks.

Fig. 28 is a table of the commodity share prices and exchange rates as on July 17 1987 together with percent change from one week ago, five weeks ago, thirteen weeks ago and fifty-two weeks ago.

Fig. 29 is a takeover watch of shares traded on the Australian stock exchange for the thirteen weeks ending June 19 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the volume index over the previous thirteen weeks. (Refer description on Figure 12, Page 9).

Fig. 30 is a takeover watch of shares traded on the Australian stock exchange for the thirteen weeks ending July 10 1987 for shares grouped according to their market sector and market capitalisation and ranked in descending order of the volume index over the previous thirteen weeks. (Refer description on Figure 12, Page 9).

While the invention will now be described in regard to the buying and selling of shares, it would be readily understood by persons skilled in the art that the invention may be used in relation to any asset or security like options, futures contracts, bonds, real estate where the asset or security is traded and the results of those trades reported in accessible form.

The method of the invention involves receiving, on a regular or continuous real time basis (with or without a time lag), data on the trading of tradeable assets or securities such as stocks and shares, options, futures, currency, bonds, commodities etc. and analysing this data to identify which of the assets or securities represent good opportunities to buy or sell. It is to be noted that definitions of earnings per share, book value per share (NTA per share), dividend per share, etc are as per commonly accepted industry practice. A good opportunity or tip to "buy" is

considered to be an asset or security where the potential and likelihood for capital growth is high and a good opportunity or tip to "sell" is considered to be a tradeable asset or security where the likelihood that the asset or security will undergo a devaluation or diminution of value is high. The time period over which calculations are made may vary depending on the use or the program.

The group of tradeable asset or securities may be selected on the basis of one or several common criteria such as:

1. A common industry sector.
2. A market capitalisation above a preselected amount, lower than a preselected amount or between two preset limits.
3. Inter market comparisons.
4. Any other criterion (refer to points 1-39, pages 13-21) like credit rating, currency in which the security is traded, sales turnover, profit margins, earning growth etc.

Depending on the selection process of the operator as well as the nature of members of the group of tradeable assets or securities, the filter mechanisms that are used to identify the buying and selling opportunities may be varied. When selecting a buying opportunity, the operator may establish preset limits within or above which the tradeable asset or security must be ranked in the variable in order for the variable to be selected.

For example, the operator may specify that in order to be representative of a buying opportunity the tradeable asset or security must be in the Top 1% (or Top 5%, 10%) of the higher volume index and in the Top 5% (or Top 2%, Top 10%, Top 25%) of price rises over a certain time frame in order to categorise a particular tradeable asset or security as having an upward technical strength and he may set a separate filter mechanism or selection criterion for identifying an upward fundamental strength hence signalling this tradeable asset or security is a buying opportunity.

A further consideration of the assets or securities on the list above the preset limit may be carried out by considering the fundamental strength of each asset or security. Figures 2, 3, 4, 13, 14 and 16 are tables of shares grouped according to

market sector and capitalisation, ranking the criteria chosen as the indicator of the fundamental strength.

Since the variable which is used to identify the fundamental strength of a tradeable asset or security can be varied and selected depending on the particular industry and market capitalisation, the combination of variables used to calculate the fundamental strength of the group of tradeable asset or securities can be varied with various combinations of the variables selected.

The following are examples of a list of other possible criteria (some of which are fundamental factors) which could generate BUY or SELL signals or tips and therefore act as additional filter mechanisms for BUY, if other criteria of high volume index and price rise are met or SELL, if other criteria of high volume index and price fall are met. The system uses a method of stock exchange relativities, benchmarks and/or comparisons on some or all of these criteria. Different sectors/industry groups may be selected for purposes of classification and comparison.

1. Dividend yield

The dividend yield is defined by the historic dividend divided by the last traded price of the asset or security. For the purposes of selecting buy opportunities/signals/tips, the dividend yield is arranged in descending order and the higher ranked dividend yield tradeable assets or securities are selected based on this variable. Conversely, for identifying sell opportunities/signals/tips low or zero dividend yield tradeable assets or securities are selected.

2. NTA/Price

NTA/Price (reciprocal of Price-to-Book ratio) is defined as the net tangible asset (NTA) backing of a tradeable asset or security divided by the last traded price. This variable is calculated for each tradeable asset or security and arranged in descending order for those tradeable assets or securities which are of an average or benchmark level. A high NTA/Price ratio

indicates buy opportunities/signals/tips when this variable is used. The bottom of the NTA/Price list may be used for identifying sell opportunities/signals/tips. The NTA or book value may be adjusted for inflation and substituted by the replacement cost of the assets and liabilities.

5 A third alternative is an adjustment to make it closer to the market value of assets less liabilities.

3. P/E

P/E is defined as the last traded price of the tradeable asset or security divided by the earnings per asset or security. The P/E ratio can be ranked in descending order with low ranked P/E tradeable assets or securities indicating buy opportunities/signals/tips and high P/E ratios indicating sell opportunities/signals/tips.

4. P/EBITDAPS

The P/EBITDAPS is an abbreviation where P is the last price of the tradeable asset or security and EBITDAPS is the earnings before interest, tax, depreciation and amortisation per share. Low P/EBITDAPS tradeable assets or securities are identified as assets or securities which have the lowest multiple of price to earnings before interest, tax, depreciation and amortisation per share. A low ratio is indicative of buy opportunities/signals/tips whilst a high ratio indicates sell opportunities/signals/tips.

5. P/EVAPS

Identifying assets or securities that had the lowest (for buying) and highest or negative (for selling) P/EVAPS (defined as the price to economic value added per share) would be ranked in ascending order with the lowest ranking indicating buy opportunities/signals/tips. The P/EVAPS would also be ranked in descending order with the highest ranking indicating sell opportunities/signals/tips.

6. Discount to Historical High or Premium to Historical Low

The discount at which the asset or security price is currently trading relative to its historical high price may be listed in descending order with a higher ranking used to identify buy opportunities/signals/tips and a lower ranking indicating of sell opportunities/signals/tips. (The historical high price may be based on a pre-determined period eg. 1 week, 1 month, 1 quarter, 1 year, 3 years, 5 years, etc). For a certain stock identify the discount to its historical high to indicate buy opportunities/signals/tips.

7. Gearing level

Other filtering mechanism for assessing buy opportunities/signals/tips may be gearing levels lower than the industry average or benchmark, interest cover above a benchmark etc.

Conversely, for asset sell opportunities/signals/tips, high gearing levels (higher than or worse than the industry practice or benchmark) or thin interest cover may be chosen. These latter criteria may be chosen for selecting and identifying buy and sell opportunities/signals/tips from the group of tradeable assets or securities.

8. Discount/Premium to Brokers' Recommended Buy/Sell Price.

Buy and sell recommendations of various brokers may be recorded. Price differential between current price and the brokers' buy or sell recommendation price may be computed, compared and/or processed on a regular or continuous basis. An option may be added for the program to track these in ascending or descending order of discount to broker's buy recommendation and ascending or descending order of premium to broker's sell recommendation.

9. Price to sales per asset or security

For certain stocks like technology stocks, filter mechanisms may be incorporated such as low price to sales per share and/or a high growth rate in sales per share, indicating buy opportunities/signals/tips. Conversely, a high price to sales per share and/or a low/negative growth in sales per share may indicate sell opportunities/signals/tips.

10. Market capitalisation

Market capitalisation, which may or may not be adjusted for debt levels, of a certain key commodity/output or a certain key commodity/resource may be considered. For commodity stocks, filter mechanisms may include market capitalisation per quantity of commodity produced or market capitalisation per quantity of commodity reserves. Again, for stocks such as like technology and internet stocks, etc., filter mechanisms may be incorporated viz market capitalisation per "unique user". market capitalisation per annual sales revenue per user, growth rate in sales per share, growth rate in sales, momentum, average number of hits per month, average number of unique users per month, etc. A low ranking for some or all of these variables may indicate buy opportunities/signals/tips while a high ranking may indicate sell opportunities/signals/tips.

11. Unusually high change of ownership index

The change of ownership index (c/o index) is calculated as

$$\frac{\text{Actual volume of shares traded over a given time period}}{\text{Total Shares on Issue}} \times 100$$

12. Identify stocks which are market leaders or have a position of market dominance or high market share in their respective industry/principal market. As a variation, one may identify stocks in descending order of market share in their respective industry/principal market.

13. Identify stocks which had return on shareholders' equity greater than say 15% per annum or 25% per annum in last/X financial year or financial quarter etc. As a variation, identify stocks in descending order of return on shareholder's equity or return on total assets.
14. Identify stocks which have high quality credit rating from rating agencies such as Standard & Poor's, Moody's, other rating agencies etc. Alternatively, identify stocks as per pre-selected categories of credit ratings, industry sectors, countries, stock exchanges, etc.
15. Identify stocks which have a low or high (on a relative basis) P/CFPS where CFPS is per share free cash flow defined by earnings plus depreciation minus capital spending minus dividends.
16. Identify stocks which have low/high volatility.
17. Identify stocks where top executives have significant shareholding in the company. As a variation, identify stocks where the Top 20 (or Top 40 or Top X) shareholders have a shareholding that exceeds a certain limit as a percent of issued capital. Or for example, identifying stocks in a certain industry where the combined holding of the Top 20 shareholders exceeds 70% of the issued capital (this may be construed to be a buy opportunity/signal/tip as it may reflect a closely held company).
18. Identify stocks in descending order or ascending order which are at a premium/discount to industry group or overall market based on various criteria outlined in this document.
19. Identify stocks which have high/low gross margins as per various benchmarks to be identified. As a variation, identify these in descending order or ascending order.

20. Identify stocks which have debt level less/more than industry benchmark or S&P 500 or any other appropriate benchmarks.
- 5 21. Identify stocks which have a good/erratic track record of profitability. For example:
Buy Signals/Tips
(i) current quarterly earnings per share are up more than say 20% over the same quarter last year, or the most recent quarter reported.
10 (ii) annual compound growth rate of earnings exceeds say 20%.
Sell Signals/Tips
(i) last two quarters earnings have shown consecutive declines.
(ii) there has been an annual fall in earnings exceeding say 20%.
15 (iii) identify worst performance in terms of one of several indicators like declining profits, declining earnings per share, declining sales.
22. Identify stocks where inventories are declining/increasing. As a variation, identify these in descending/ascending order in each industry grouping.
- 20 23. Identify stocks where major new products/services have been launched. Identify companies where new management is in place.
24. Identify stocks where insiders are buying/selling more than average. Identify stocks where institutional sponsors are increasing/decreasing.
- 25 25. Identify stocks where there is growth/decline in physical volumes of sales or production or inventories.
- 30 26. Identify stocks where profit margins are rising indicating buy opportunities/signals/tips or falling indicating sell opportunities/signals/tips. Identify stocks where return on capital employed is higher/lower than a

benchmark. Identify stocks where earnings/revenue are higher/lower than a benchmark.

27. Identify stocks which have a higher/lower than benchmark/average growth in sales/profits/physical volumes/inventories etc.

28. Identify stock exchanges of countries where economic conditions are better or worse than before. For inter-stock exchange comparisons, a volume indicator in value or dollar terms may be used for computation, comparison and ranking of volume index. Also, identify what sectors and industries of the market are more promising and thus present better opportunities.

29. (i) Identify stocks which have a high/low cost structure defined by operating cost per unit produced or by other criteria.

(ii) For certain businesses identify and rank People Effectiveness Index defined by net sales billed in value terms divided by total payroll in value terms for buy/sell opportunities/signals/tips.

30. (i) Identify stocks which have higher than average growth rate in earnings per share (EPS), net tangible asset backing per share (NTA), gross cash flow per share (GCF), dividends per share (DPS), etc.

(ii) Identify "growth industries" for buy opportunities/signals/tips and "decline industries" or "recessing industries" for sell opportunities/signals/tips as per growth or decline in comparison with benchmarks.

31. Identify stocks which have a P/E ratio less than the earnings growth rate for buy opportunities/signals/tips. Also identify stocks which have a P/E ratio greater than the earnings growth rate for sell opportunities/signals/tips.

32. Among certain sectors like bank stocks, certain specific criteria may be created eg. Total Income/Average Assets, Operating Costs/Average Assets, Bad Debt Charge/Average Assets. These criteria may be stated as higher or lower relative to a benchmark. As a variation, they may be compared and listed in ascending/descending order.
33. Identify stocks of distressed firms with negative earnings or negative book values.
34. Identify High Income and capital gain stocks. For example, Figure 18 identifies those stocks in various sectors as at July 17 1987 which had Dividend Yield greater than 5% for that year AND had Dividend Yield greater than 5% one year ago AND had Dividend Yield greater than 5% two years ago AND had a capital gain in share price exceeding 72.8% when compared with the price three years ago (this represents an average annual compound growth rate in share price of 20% per annum). The exact numbers used for Dividend Yield and Capital gain may vary.
35. A "Takeover Watch" Exhibit is created (refer Figure 12) to identify stocks to watch for takeover possibilities. This includes stocks which had Unusually High Volumes Traded (or Volume Index) AND Unusually High Change of Ownership (defined by actual volume divided by shares on issue) and by whom, over 1 week, 5 weeks and/or 13 weeks. As a variation to this, the Takeover Watch might include only Unusually High Change of Ownership or a price increase accompanied by high change of ownership. Also refer to the definition of "momentum up" on page 21.
36. Identify stocks which have return (or earnings) on assets exceeding the indicator lending rate for buy opportunities/signals/tips or below the indicator lending rate for sell opportunities/signals/tips.

37. Identify and rank stocks for buy opportunities/signals/tips which are below their long term average (regression to the mean long-term average price). Conversely, identify and rank stocks for sell opportunities/signals/tips which are above their long term average (regression to the mean long-term average price).
38. Alternatively, the user/operator may pre-specify what, in their opinion, is an appropriate filter mechanism. This filter mechanism may go beyond conventional ideas. For example, they may wish to buy a comparatively high P/E stock because they believe that the bubble effect will mean that the price will continue to rise in the short-term even though they believe that in the long-term it is a sell opportunity.
39. Other criteria for value selection include some or all of Benjamin Graham's criteria, the 200-day moving average comparisons, or any other criteria of selection, may all be introduced in the program.

Typically the considerations for buying and selling tips in accordance with embodiments of the invention are as follows:-

SIGNALS FOR IDENTIFYING BUY OPPORTUNITIES/TIPS

Note: "AND" represents the Logic AND function. "OR" represents the Logic OR function.

- 1A. Upward technical strength (also termed "momentum up" or "momentum ↑") stocks is defined by selecting those assets/securities that have:

Noticeable price rise as identified by price movements in descending order of the percentage value of rises. (Mention needs to be made of the fact that price rises may reflect an opportunity to buy an overvalued asset/security. However, if volume index is high, there is a certain probability that the price may rise further

before it stabilises to a level when it generates a sell signal/tip based on value considerations.)

AND

High Volume Index above benchmark/average

- 5 AND we may also add as an optional factor a condition that
Market is not technically weak (meaning high Market Volume and falling Index)

1B. Upward strength in fundamental terms is defined by some of the criteria outlined earlier (refer above criteria 1-39, pages 13-21) and would include logic OR

- 10 function of one of several or all of those criteria. The program may pick and identify which of the criteria 1-39 are met.

High Dividend Yield

OR

- 15 High NTA/Price

OR

Low P/E

OR

Low P/EBITDAPS

- 20 OR

Low P/EVAPS

OR

High discount to its own high

OR

- 25 Low gearing level

OR

High Discount to Brokers' Buy Recommendations

OR

Low Price to Sales Per Share (for selected technology and other stocks)

- 30 OR

Low Market Capitalisation (which may or may not be adjusted for debt levels) to quantity produced (for selected commodity producers)

OR

- 5 Low Market Capitalisation (which may or may not be adjusted for debt levels) to quantity reserves (for selected commodity stocks)

1C. Upward strength in technical and fundamental terms is defined by

Stocks which have technical strength as per 1A above.

10 AND

Stocks which have fundamental strength in one or more criteria as per 1B above.

Note: The factors of fundamental strength may be individually listed together with their percentile ranking in sector or relativity versus a chosen sector. Only a few of
15 the 39 criteria are listed in Example 1 and Example 2.

SIGNALS FOR IDENTIFYING SELL OPPORTUNITIES/TIPS

- 20 2A. Downward technical strength and "momentum down" or ("momentum ↓") stocks is defined by selecting those assets/securities that have:

Noticeable price fall as identified by price movements in descending order of the percentage value of falls. (Mention needs to be made of the fact that price falls
25 may reflect an opportunity to buy an undervalued asset/security. However, if volume index is high, there is a certain probability that the price may fall further before it stabilises to a level when it generate a buy signal/tip based on value considerations.)

AND

- 30 **High Volume Index above benchmark/average**

AND we may also add as an optional factor a condition that

Market is not technically strong (meaning high Market Volume and rising Index)

2B. Downward strength in fundamental terms is defined by some of the criteria outlined earlier (refer above criteria 1-39, pages 13-21), and would include logic

- 5 OR function of several or all of those criteria. The program may pick and identify which of the criteria 1-39 are met:

Low Dividend Yield

OR

Low NTA/Price

- 10 OR

High P/E

OR

High P/EBITPS

OR

- 15 High P/EVAPS

OR

High premium to its own low

OR

High gearing level

- 20 OR

High Premium to Brokers' Sell Recommendations

OR

High Price to Sales Per Share (for selected technology and other stocks)

OR

- 25 High Market Capitalisation (which may or may not be adjusted for debt levels) to quantity produced (for selected commodity producers)

OR

High Market Capitalisation (which may or may not be adjusted for debt levels) to quantity reserves (for selected commodity stocks)

2C. Downward strength in technical and fundamental terms is defined by Stocks which have downward technical strength as per 2A above.

AND

Stocks which have downward fundamental strength in one or more criteria as per

5 2B above.

The buy and sell opportunities/signals/tips will outline the filtering or selection mechanisms used to provide more useful information to the user. Whether one wishes to buy or sell, the decision-maker may accordingly select the order as
10 descending or ascending order.

The method of the invention and the data processing system computer program and computer program element using the method of the invention is suitable for use by individual and institutional investors, day traders, short-term traders, professional traders and brokers who maintain a list of tradeable assets or
15 securities which are buying and selling opportunities.

A mechanism may be used for comparing a portfolio with a benchmark. This comparison may establish deviation from the benchmark together with suggested buy and sell signals/tips. A further mechanism may exist where the pros and cons of buy and sell decisions are automatically available on a real-time basis
20 (with or without a time delay). Signals for identifying Buy and Sell Opportunities as described earlier would be used to identify BUY signals/tips as pros and SELL signals/tips as cons.

The software may be designed to make the filtering and selection available on a real-time basis in parallel with trading activity in the concerned market. The
25 objective may be to let the system work as a personal interactive broker which provides processed information on stock market relativities/comparisons etc. based on which the user may make a decision on whether to buy, sell or hold a security/asset.

When the invention is embodied in a computer program element on a data
30 processing system, then it may be possible for the client or investor to log onto his or her portfolio of investments and download contra information from the stock

exchange or other relevant source. This information would then be manipulated and analysed in accordance with the method or system of the invention to maintain a customised library of relevant information for that client or investor. The client or operator of the program accesses a data processing means having a computer
5 program element embodying the invention from a terminal which is connectible to the data processing means via an internal network (intranet) on the Internet. The client or operator may interact with the data processing means by specifying such variables as selection criteria, display options or other operating variables. The results of the data processing may then be displayed on the terminal or recorded in
10 hard copy or electronic form.

Alternatively, this may be an added consideration in the BUY/SELL decisions of the investor/user.

The library of relevant information may include information on price movements, volumes, sectoral exposure, recent press clippings, stock market
15 announcements, relative position of various variables, buy and sell signals/tips in accordance with certain selection criteria of the program (together with assumptions and disclaimer and disclosure notices), user's target buy and sell targets, benchmark portfolio guidelines etc.

This historical information can be used to compare the various variables used
20 in the invention including benchmarks to test the validity of buy and sell signals/tips and identify modifications, optional weighting factors or further criteria which could be considered in the future.

Comparisons of various variables including benchmarks may be made on a historical basis and/or on an inter-market basis to identify relativities, arbitrage
25 opportunities etc.

Figures 5A, 5B and 27 are tables calculated to identify the best and worst performing shares over various periods of time. The information in these tables is an example of the historical information which may be gathered and used to test the hypotheses on buy and sell signals/tips and other variables related to the buy/sell
30 decision.

Figure 28 is a table of the commodity prices and exchange rates captured for a particular date to provide a reference for their effect on share prices.

It may be preferable for a benchmark or set point on any one or more variables at any point of time to be computed and/or communicated. The

5 benchmark may exist for any sector or for the market as a whole. It is likely that the benchmark will change with the passage of time.

New indicators may be created to compute the value of a variable relative to a certain benchmark ie. relative P/E, relative P/NTA, relative price rise or fall with respect to a section. (This may be termed over-performance/under-performance
10 with respect to a sector benchmark).

Each stock may be given a percentile ranking as per a selected criterion. This percentile ranking would indicate what percent of the selected group were worse off than that stock for that criterion. For example, if there were 15 companies in the selected group and if the criteria was P/E and the stock had the fifth lowest P/E its
15 percentile ranking (for potential BUY opportunity) would be 66.67. Likewise, if the second criteria were current quarterly earnings growth and the stock was third in its selected group of 15 its percentile rank (for potential BUY opportunity/tip) on current quarterly earnings growth would be 80.

20 To illustrate the present invention, the following examples are provided based on the data of the accompanying figures.

25

30

EXAMPLE 1A

5 *Stocks in which there was both a significant price rise (refer Figure 5A) and a significant volume index (refer Figure 1) in the week ended 11 May 1987. This is an example of Momentum Up or Momentum \uparrow stocks.* They are separated into three capitalisation levels: over \$200 million, between \$50 million and \$200 million, and under \$50 million. They are in descending order from the highest rise of the week down to the lowest rise of the Top 15. Their volume index is also stated
10 with the rank of their volume index in the Top 15. For example, Exhibit 1A processes the commonality/correlation (which may also be referred to as the AND logic function) to identify stocks in the Top 15 of price rises in certain categories that also had a volume index ranking in the Top 15 of that category.

EXHIBIT 1A

Rank of Stock by % Rise	% Price Rise Over Week	Volume Index (Rank)
<i>Capitalisation > \$200m (Mining & Oil)</i>		
1. Pelsart Resources N.L.	36.84	2.86 (12)
2. Hartogen Energy Limited	32.31	8.48 (3)
3. Aust. Oil and Gas Corporation Limited	25.58	2.63 (14)
6. M.I.M. Holdings Limited	17.38	2.53 (15)
8. Crusader Limited	16.07	3.99 (9)
14. Bell Resources Limited	11.94	6.19 (6)
15. Metals Exploration Limited	11.76	7.51 (4)
<i>Capitalisation > \$200m (Industrials)</i>		
2. Airship Industries	72.41	24.64 (1)
12. Borg-Warner (Australia) Ltd	6.38	8.75 (3)
14. Boral Limited	6.00	1.99 (12)
<i>Capitalisation \$50m - \$200m</i>		
1. Bruce Resources N.L.	177.78	212.47 (1)
3. Consolidated Petroleum Aust. N.L.	64.71	11.71 (6)
4. Greenbushes Tin Limited	52.94	7.85 (12)
5. Phoenix Oil & Gas N.L.	47.83	10.16 (7)
7. Aztec Exploration Limited	45.83	8.46 (9)
10. Petro Energy Limited	33.33	8.17 (11)
11. Winton Oil N.L.	33.33	14.22 (3)
13. Genoa Oil N.L.	31.43	12.72 (5)
15. Barcoo Petroleum N.L.	26.67	68.01 (2)
<i>Capitalisation < \$50m</i>		
5. Zapopan N.L.	66.67	12.06 (7)
12. Central Murchison Gold Limited	46.15	13.23 (7)

EXAMPLE 1B

- 5 *Stocks in which there was both a significant price decline (refer Figure 5B) and a significant volume index (refer Figure 1) in the week ended 11th May, 1987. This is an example of Momentum Down or Momentum ↓ stocks.* They are separated into three capitalisation levels; over \$200 million, between \$50 million and \$200 million, and under \$50 million. They are in descending order from the highest decline of the week down to the lowest of the Top 15. Their volume index is also stated with the rank of their volume index in the Top 15.

- For example, Exhibit 1B processes the commonality/correlation (which may also be referred to as the AND logic function) to identify stocks in the worst (top) 15 of Price falls in certain categories that also had a volume index ranking in the Top 15 of that category.

EXHIBIT 1B

Rank of Stock by % Fall	% Price Fall Over Week	Volume Index (Rank)
<i>Capitalisation > \$200m</i>		
2. Anglo American Pacific Limited	6.15	19.13 (1)
3. Hill 50 Gold Mine N.L.	5.56	3.60 (10)
7. Ampol Exploration Limited	3.57	3.23 (11)
8. Oil Search Limited	3.33	9.99 (2)
11. BHP Gold Mines Limited	2.78	6.33 (5)
<i>Capitalisation < \$50m</i>		
9. Kalbara Mining N.L.	17.33	27.54 (5)

EXAMPLE 2

- 25 From the list of stocks in Exhibits 1A and 1B we follow certain stocks over each day of the previous week during which they either rose or fell significantly. This establishes the relevance of Momentum Up ↑ or Momentum Down ↓ to buy and sell tips during the period in which momentum was up or down. By doing so, we

can follow their daily movements and see the volumes traded with these fluctuations. By solely using the correlation between price movement and high volume index we can determine good (albeit rough) estimates of when to buy and sell the stock according to the procedures described in the patent. Note that only price and volume index have been taken into account here and not the additional criteria as recommended.

ACTUAL PRICE & VOLUME ON THE DATE

Vol (00's) Vol (00's) Vol (00's) Vol (00's) Vol (00's) Vol (00's) Vol (00's)

1/5/87 ⇒ 4/5/87 ⇒ 5/5/87 ⇒ 6/5/87 ⇒ 7/5/87 ⇒ 8/5/87 ⇒ 11/5/87 ⇒ 15/5/87

STOCK NAME & BUY/SELL TIPS BASED ON TECHNICAL CONSIDERATIONS OF PRICE & VOLUME

AIRSHIP INDUSTRIES LIMITED (Refer Exhibit 1A)

3640 3195 198 2965 8905 4705

62 ⇒ 53 ⇒ 55 ⇒ 55 ⇒ 70 ⇒ 100 ⇒ 110 ⇒ 95

BUY

AMPOL EXPLORATION LIMITED (Refer Exhibit 1B)

232 125 94 1318 6906 2119

560 ⇒ 530 ⇒ 500 ⇒ 530 ⇒ 530 ⇒ 540 ⇒ 534 ⇒ 600

BUY

ANGLO AMERICAN PACIFIC LIMITED (Refer Exhibit 1B)

5367 1051 4338 11907 5423 524 143

325 ⇒ 320 ⇒ 300 ⇒ 300 ⇒ 305 ⇒ 300 ⇒ 295 ⇒ 295

SELL

AZTEC EXPLORATION LIMITED (Refer Exhibit 1A)

2855 775 2775 5498 9316 1866 2679

72 ⇒ 72 ⇒ 72 ⇒ 75 ⇒ 105 ⇒ 110 ⇒ 104 ⇒ 110

BUY

BHP GOLD MINES LIMITED (Refer Exhibit 1B)

2458 1338 1504 1153 4185 1201 2025

173 ⇒ 172 ⇒ 175 ⇒ 172 ⇒ 172 ⇒ 175 ⇒ 170 ⇒ 162

SELL

BORAL LIMITED (Refer Exhibit 1A)

5 452 $\xRightarrow{199}$ 450 $\xRightarrow{2762}$ 450 $\xRightarrow{1316}$ 470 $\xRightarrow{4957}$ 478 $\xRightarrow{4694}$ 480 $\xRightarrow{2105}$ 480 $\xRightarrow{1199}$ 495
BUY

BRUCE RESOURCES N.L. (Refer Exhibit 1A)

10 47 $\xRightarrow{2674}$ 55 $\xRightarrow{265}$ 78 $\xRightarrow{552}$ 80 $\xRightarrow{825}$ 100 $\xRightarrow{260}$ 130 $\xRightarrow{550}$ 110 $\xRightarrow{175}$ 105
BUY

CRUSADER LIMITED (Refer Exhibit 1A)

15 280 $\xRightarrow{334}$ 300 $\xRightarrow{169}$ 310 $\xRightarrow{5451}$ 315 $\xRightarrow{940}$ 315 $\xRightarrow{727}$ 320 $\xRightarrow{660}$ 325 $\xRightarrow{\quad}$ 320
BUY

GENOA OIL N.L. (Refer Exhibit 1A)

20 445 $\xRightarrow{150}$ 450 $\xRightarrow{285}$ 430 $\xRightarrow{505}$ 455 $\xRightarrow{438}$ 440 $\xRightarrow{116}$ 455 $\xRightarrow{40}$ 500 $\xRightarrow{\quad}$ 580
BUY

KALBARA MINING N.L. (Refer Exhibit 1B)

25 78 $\xRightarrow{4040}$ 72 $\xRightarrow{5655}$ 70 $\xRightarrow{2270}$ 55 $\xRightarrow{5107}$ 64 $\xRightarrow{5470}$ 62 $\xRightarrow{1882}$ 62 $\xRightarrow{1790}$ 63
SELL BUY

METALS EXPLORATION LIMITED (Refer Exhibit 1A)

30 170 $\xRightarrow{174}$ 160 $\xRightarrow{205}$ 165 $\xRightarrow{168}$ 172 $\xRightarrow{4856}$ 175 $\xRightarrow{2145}$ 190 $\xRightarrow{1057}$ 195 $\xRightarrow{2795}$ 195
BUY

M.I.M HOLDINGS LIMITED (Refer Exhibit 1A)

40 330 $\xRightarrow{15969}$ 338 $\xRightarrow{4615}$ 362 $\xRightarrow{12958}$ 370 $\xRightarrow{7812}$ 385 $\xRightarrow{9365}$ 380 $\xRightarrow{2714}$ 375 $\xRightarrow{\quad}$
BUY

PELSART RESOURCES N.L. (Refer Exhibit 1A)

45 100 $\xRightarrow{1521}$ 100 $\xRightarrow{3609}$ 105 $\xRightarrow{5336}$ 115 $\xRightarrow{884}$ 135 $\xRightarrow{2727}$ 130 $\xRightarrow{1325}$ 120 $\xRightarrow{\quad}$ 119
BUY

PHOENIX OIL & GAS N.L. (Refer Exhibit 1A)

50 115 $\xRightarrow{4958}$ 125 $\xRightarrow{1115}$ 130 $\xRightarrow{1107}$ 130 $\xRightarrow{1093}$ 145 $\xRightarrow{8226}$ 170 $\xRightarrow{1609}$ 140 $\xRightarrow{\quad}$ 160
BUY







WINTON OIL N.L. (Refer Exhibit 1A)






5 21 \Rightarrow 24 \Rightarrow 25 \Rightarrow 26 \Rightarrow 27 \Rightarrow 28 \Rightarrow 29 \Rightarrow
 49750 22325 15870 18230 20530 10405
 BUY

10 **EXAMPLE 3** (This is an example of a combination of fundamental and technical factors)




Examples of High Dividend Yield and High Volume Index

15 This Exhibit lists those stocks that were in the Top 15 of the High Dividend Yield in their category of market capitalisation as at 11/5/87 (Figure 4) AND were also in the Top 15 of High Volume Index subsequently. This suggests technical considerations of High Volume Index and corresponding price rise combined with fundamentals represent a sound BUY opportunity. Daily volume data would have been helpful in making a BUY decision.

- | | | |
|----|-----------------------------|---|
| 20 | Westpac Banking Corporation | 4.98 May (11/5/87)
 High 1-Week Volume at 17/7/87
(#10 in Top 15, Figure 6)
5.46 July (17/7/87) |
| 25 | Bell Resources Limited | 6.00 May (11/5/87)
 High 1 week Volume at 17/7/87 (Figure 6).
 High NTA/P at 11/5/87 (Figure 2)
4.35 July (3/7/87)
 High 1-Week Volume Index at 10/7/87
(#2 in Top 15, Figure 6A)
4.78 July (10/7/87)
 6.00 July (17/7/87) |
| 35 | Consolidated Rutile Limited | 7.00 May (11/5/87)
 6.70 with High 1-Week Volume at 10/7/87
BUY (#6 in Top 15, Figure 6A)
7.00 July (17/7/87) |

5	Queensland Coal Trust	1.45	May (11/5/87) - High Dividend Yield
			High Dividend Yield and High Volume Stock (5 weeks, #10 in Top 15 at 17/7/87, Figure 7)
		1.56	July (17/7/87)
10	CSR	3.83	May (11/5/87) - High Dividend Yield
			
		4.05	(19/6/87) (#4 in Top 15, Figure 6B)
			
		3.95	July (17/7/87) - High 5 Week Volume Index (#9 in Top 15, Figure 7)
15	CRA	11.30	May (11/5/87) - High Dividend Yield
			
		10.45	May (10/7/87) - High Dividend Yield (10/7/87, Figure 6A High Volume)
			
20		10.50	July (17/7/87) - High 5 Week Volume Index (#12, Figure 7)

Examples of NTA/P and High Volume Index

25	Bell Resources Limited	6.00	May (11/5/87)
			High Volume at 17/7/87, (#1 in Top 15, Figure 6)
			High NTA/P at 11/5/87
30		4.35	July (3/7/87)
			High 1-Week Volume Index (#2 in Top 15, Figure 6A)
		4.78	July (10/7/87)
35			
		6.00	July (17/7/87)

Bridge Oil

1.55 High NTA/P at 11/5/87



(#1 in Top 15, Figure 2)

5

1.90 High 1-Week Volume at 17/7/87

(#14 in Top 15)

Westpac Banking Corporation

4.98 High NTA/P at 11/5/87 (#5, Figure 2)



10

5.46 High 1-Week Volume Index at 17/7/87

(#10, Figure 6)

Tooth & Co.

6.20 May (11/5/87) - High NTA/P



(#8, Figure 2)

15

7.90 July (17/7/87) - High 5-Week Volume Index

(#4, Figure 7)

20

Sunshine Australia

2.45 May (11/5/87) (#7 in NTA/P, Figure 2)



2.65 July (17/7/87) - High 5-Week Volume Index

(#10, Figure 7)

25

Austore Property Trust

0.75 May (11/5/87) (#4 in NTA/P, Figure 2)



0.80 July (17/7/87) - High 5-Week Volume Index

(#7, Figure 7)

30

Similar analysis may be performed using other criteria mentioned in the earlier list of criteria.

Figures 9-11 are illustrative of a table of shares selected on the basis of criteria 11, i.e. change of ownership index and is used as a measure of a buy opportunity/signal/tip.

Figures 12, 29, 30 are a takeover watch and are illustrative of the volume index and the change of ownership index being used as a measure of a buy opportunity/signal/tip.

Figure 13 is illustrative of a table of shares in which criteria 2 is used as a
5 measure of the fundamental strength.

Figures 14 and 15 are illustrative of a table of shares in which criteria 3 is used as a measure of the fundamental strength/weakness.

Figures 16 and 17 are illustrative of a table of shares in which criteria 1 is used as a measure of the fundamental strength.

10 Figure 18 is illustrative of a table of shares in which criteria 34 is used as the measure of the fundamental strength.

Figures 19A and 19B are illustrative of a table of shares in which criteria 8 is used for determining a buying or selling tip.

15 Figures 20-27 are illustrative of technical criteria of price rises or price falls.

As can be seen from the above, the method of analysing in accordance with the invention can be used as a basis for buying and selling tips of any type of tradeable asset by a combination of the technical strength as an indicator of the volume turned over and the fundamental strength which is based on a criteria
20 indicative of the particular market under consideration.

The computer program may also make available other information and other opportunities as follows:-

- Comments made on a stock by brokers, media etc, as well as company announcements may be made available to a user based on the buy and sell
25 signals/tips generated, user's interest (as may be determined through mass customisation).
- Networking opportunities or loose alliances may be formed to discuss certain issues related to a stock or financial instrument. This may be in the form of talkback or chatting on the internet created for groups interested in sharing
30 comments/analysis/research on a certain security.

- It may be possible to present a prospectus or Initial Public Offering (IPO) on the internet . Also, the program may be set up for creating comparisons vs current benchmarks in the stock exchange. As a result, investors may either buy or underwrite or sub-underwrite or bid for stock using real-time trading, internet, etc.
- The program may be used for identifying opportunities among closed end funds by comparing with other funds, stocks sectors, their Net Asset Value (NAV), Market Price (MP), NAV/MP, Yield, Fees charged, Total Returns etc. Ranking of NAV/MP and other criteria may be done to identify relativities, value, etc.
- For Futures Markets, a third indicator besides Price and Volume may be used viz. open positions. This will also be compared with its own average or benchmark to create an Open Positions Index. The Open Positions Index may also be listed in descending order. For example, if Prices increase AND Volume Index is unusually high AND Open Positions Index is unusually high this will be a strong buy signal. Seasonal adjustments may include adjustments for double witching and triple witching.
- Adjustments may be made for taxation purposes to suit investors as per their own circumstances and/or the tax regimes under which they operate.
- Opportunities for international portfolio investing, global investing etc. may be highlighted.

Sensitivity Analysis of a stock may be carried out by setting norms of change of earnings per share with critical variables like prices of key commodities, exchange rates, interest rates etc. By using the current P/E multiple and/or other variables, arbitrage opportunities of buy or sell may be identified by generating appropriate signals/tips.

It may be possible to do a sensitivity analysis of price to key variables like interest rates, inflation, employment data, current account deficit, prices of key commodities, etc. to identify arbitrage opportunities. For example, if interest rates have gone up and bank stocks have gone down, identify relative value within the

banking sector ie. identify those banking stocks which have fallen the most as a result of interest rate falls (these might offer switch opportunities within the banking sector). Likewise, if gold prices go up, identify relative value within gold stocks.

5 While the invention has been described with reference to tradeable shares and other securities, the invention is equally applicable to any tradeable asset in which volume is recorded and reported such as real estate. Also, embodiments of this document may be combined with relevant factors of the following markets to make it more applicable to each of them:

10

1. PROPERTY APPLICATION

15

There is a major difference in Property Valuations when compared with Share Valuations. Whereas Share Valuations are transaction based, Property Valuations are appraisal based.

20

The first step in Property Valuations is to correctly determine the net income after deducting all outgoings. The second step is to arrive at a decision to use a certain capitalisation rate. It must be remembered small changes in the capitalisation rate can cause significant changes in the resulting capital value. Individual owners of property with a given net income would like to know the capitalization rate applicable to the property.

25

The capitalisation rate is dependent on the following factors (research on some or all of these factors may be carried out regularly prior to assuming a certain capitalisation rate for the purpose of valuing a property):

30

- special characteristics like high returns, low risk, indivisibility, illiquidity, high costs of transfer, long-term nature etc.
- Location
- Building type
- Economic Situation
- Quality of cash flow and security of income
- Tenants and Tenant strength and its impact on security and regularity of income.

- Duration of Tenancy contracts
- Alternative investments including alternative property investments
- State of the property market, vacancy levels etc.
- Risks and insurance against fire, earthquake, cyclone, flood, third
- 5 • Party liabilities etc.
- Legal environment viz. Title, easements, encroachments, leases etc.
- Growth potential
- Sentiment. This is an important factor in determining capitalization rate and is a function of momentum. A discussion on momentum in estimating capitalization
- 10 rates for property valuations is given in the following two paragraphs.

The capitalization rate for a given property may be estimated as a result of benchmarking and comparison with similar properties. The value of a property may be fixed on the basis of the estimated capitalization rate. This value may then be translated

15 into certain norms like \$ per square meter or \$ per square foot. Those values may be regularly updated based on recent transactions.

Additionally, the number and value of transactions may be recorded. Once the data on price (or value in \$ per unit of area etc) and volumes of transactions (in number and value) is updated, that information may be communicated to the relevant user. If there is a price

20 rise and if the volumes of transactions are unusually high (mainly in value terms), it would be stated that the momentum is up in that particular geographical area for that category of properties. This would be deemed to be a buy opportunity/signal/tip for that particular category of property.

25 On the other hand, if there is a price fall and volumes of transactions are unusually high (again mainly in value terms), it would be stated that momentum is down and this would be deemed to be a sell opportunity/signal/tip.

30 2. CURRENCY APPLICATION

The currency markets can be similarly based on the aforementioned factors (namely criteria 1-39, pages 13-21) as well as political and financial stability, interest rates,

inflation, economic news and data, sentiment, and government actions, particularly the issue or retirement of debt securities.

Certain cross rates may have unusually high volatility and volumes on certain dates. For example, if the Australian Dollar has risen during a 10-hour time period against the US Dollar whilst volumes traded has been higher than average, it would be deduced and stated that the 10-hour momentum of the Australian Dollar is up or high against the US Dollar.

3. COMMODITIES APPLICATION

Similarly the buy/sell tips for investment decision making on commodities will depend on many of the aforementioned criteria as well as any others the operator may wish to take into account as many deal with raw materials that are influenced by outside factors such as seasonality, production levels, political problems, and general supply and demand factors.

For example, if copper price is down over a three-month period and volume is more than average, it may be stated the 3-month momentum of copper prices is down.

4. FUTURES APPLICATION

The price of futures is determined in the trading on the exchange where again many different factors are taken into account. This system can help assist the decision making process, and be adapted to incorporate the different risk spreads needed or desired by each individual customer.

Hedgers may use this system to help better protect themselves against price changes. Speculators can use this system to better determine which way the prices will move on the futures market. For both kinds of users, they can use which criteria they believe are most influential in the determination of price and its movement and thus create their own variation system for better decision-making.

5. OPTIONS APPLICATION

Those in the options markets can also use the system as they would stocks as previously described (particularly as volume plays a significant part). The system can assist hedgers in protecting their investments as well as speculators who need to be able to identify changes in the market to ensure profits for themselves.

The decision process for considering buying or selling put and/or call options on stocks and stock indexes can be made easier with this system of buy/sell tips.

Options on interest rates can also be covered by this system by taking into account the more relevant factors that influence it, as well as evaluating the interest rate caps.

- 5 The options on currencies can be adapted in a similar manner as described above under the currency market.

6. BONDS APPLICATION

- 10 Prices and volumes of bonds traded would also be analysed in a similar manner and processed information would be provided on momentum and other fundamental as well as miscellaneous factors such as credit ratings, prevailing interest rate environment, perception of risk, inflation, etc.

Claims:-

1. A method for analysing data and determining the timing of buy/sell tips as an aid to making an investment decision tradeable assets or securities including the steps of
 - 5 (a) receiving data on a number of specified assets or securities.
 - (b) determining the technical strength of each asset or security from recorded market characteristics of the security as a function of the volume trade of the security, the price at which the trade took place, and the direction of movement of the price, and ranking the technical strength of each asset or security.
 - 10 (c) selecting tradeable asset or securities having a ranking or value of technical strength above a predetermined ranking or value.
 - (d) determining the fundamental strength of those selected assets or securities based on one or more of a group of selected variables and ranking those selected assets or securities, based on the fundamental strength, and
 - 15 (e) selecting or facilitating the selection of securities which are suitable for purchasing and/or securities which are suitable for selling based on the combination of the technical strength and fundamental strength of the security.
2. The method of claim 1 wherein a volume index is calculated as
 - 20 Volume Index =
$$\frac{\text{Actual volume over a length of time}}{\text{average volume/over the same length of time}}$$
3. The method according to claim 2 wherein a table is created listing the volume index of each tradeable asset or security in a selected group of tradeable
25 assets or securities in ascending or descending order over a predetermined period of time.
4. The method of claim 3 wherein the technical strength of an asset or security is a combination of the price movement of the asset or security and the volume
30 index.

5. The method of claim 4 wherein an asset or security having a combination of a high volume index and an upward relative price movement is defined as having an upward technical strength or momentum up.

6. The method of claim 4 wherein an asset or security having a high volume index and a downward relative price movement relative to the table of volume indices is defined as having a downward technical strength or momentum down.

7. The method according to claim 1, wherein at least one fundamental strength characteristic is selected depending on the market sector and possible market capitalisation and the asset or securities selected on the basis of technical strength are marked according to said fundamental strength characteristic.

8. The method according to claim 7 wherein the fundamental strength is a function of the volume index and at least one of the criteria selected from the group including:

- (i) Dividend yield.
- (ii) NTA/Price.
- (iii) P/E.
- (iv) P/EBITDAPS.
- (v) P/EVAPS.
- (vi) Discount to Historical High or Premium to Historical Low.
- (vii) Gearing level.
- (viii) Discount/Premium to Brokers' Recommended Buy/Sell Price.
- (ix) Price to sales per asset or security.
- (x) Market capitalisation.
- (xi) Stocks which are market leaders or have a position of market dominance or high market share in their respective industry/principal market.
- (xii) Stocks which had return on shareholders' equity greater than amount say 15% per annum or 25% per annum in last/X financial year or financial quarter.

- (xiii) Stocks which have high quality credit rating from rating agencies such as Standard & Poor's, Moody's, other rating agencies etc.
- (xiv) Identify stocks as per pre-selected categories of credit ratings.
- (xv) Stocks which have low or high (on a relative basis) P/CFPS where CFPS is per share free cash flow defined by earnings plus depreciation minus capital spending minus dividends.
- 5 (xvi) Stocks which have low volatility/high volatility.
- (xvii) Stocks where top executives or top 20 shareholders have significant shareholding in the company.
- 10 (xviii) Stocks which are at a premium/discount to industry group or an overall market based on various criteria.
- (xix) Stocks which have high/low gross margins.
- (xx) Stocks which have a debt level less/more than industry benchmark or S&P 500 or any other appropriate benchmarks.
- 15 (xxi) Stocks which have a good/erratic track record of profitability.
- (xxii) Stocks where inventories are declining/increasing.
- (xxiii) Stocks where major new products/services have been launched or where new management is in place.
- (xxiv) Stocks where insiders are selling more than average or where insiders are buying more than average. Identify stocks where institutional sponsors are increasing/decreasing.
- 20 (xxv) Stocks where there is growth/decline in physical volumes of sales or production or inventories.
- (xxvi) Stocks where profit margins are rising (buy opportunity/signal/tip) or falling (sell opportunity/signal/tip), stocks where return on capital employed is higher/lower than an industry benchmark and stocks where earnings/revenue is higher/lower than an industry benchmark.
- 25 (xxvii) Stocks which have a higher/lower than benchmark/average growth in sales/profits/physical volumes/inventories.

(xxviii) Stockmarkets of countries where economic conditions are better or worse than before. For inter-stockmarket comparisons volume indicator in value or dollar terms may be used for computation of volume index.

(xxix) Stocks which have a low cost structure defined by operating cost per unit produced or by other criteria.

(xxx) Stocks which have higher than average growth rate in earnings per share (EPS), net tangible asset backing per share (NTA), gross cash flow per share (GCF), dividends per share (DPS).

(xxxi) Among certain sectors like bank stocks certain specific criteria may be created eg. Total Income/Average Assets. Operating Costs/Average Assets. Bad Debt Charge/Average Assets. These criteria may be stated as higher or lower relative to a benchmark.

(xxxii) Stocks of distressed firms with negative earnings or negative book values.

(xxxiii) Make international comparisons of relativities as per various criteria spelt out and as per criteria which may be added/introduced later.

(xxxiv) Other criteria for value selection like Benjamin Graham's criteria or 200-day moving average comparisons or any other criteria of selection may be introduced in the program.

9. A data processing system including a means to receive data on a number of specified assets or securities,

a data processing means programmable to use at least one of plurality of filter criteria to analyse said data in accordance with the method of any one of claims 1-5, and

a means to output the results of the analysis.

10. A computer program for carrying out the method in accordance with any one of claims 1-8.

11. The computer program according to claim 10, in which the buy signals/tips and sell signals/tips in accordance with the combination of technical strength and fundamental strengths are displayed in accordance with their ranking.

- 5 12. A method of preparing and updating a selection of tradeable assets or securities comprising the steps of:-

initially receiving and analysing data in accordance with claim 1, inputting or deriving a selection group of said tradeable assets or securities, and

- 10 regularly or continuously receiving and analysing data to update said selection group.

13. The method of claim 12 wherein the fundamental strength characteristics are regularly or continuously updated.

- 15 14. The method of claim 1 or 12 wherein the selection group of tradeable assets or securities and the selection criteria relevant to each selection is displayed.

15. A data processing system including a means to receive data on a number of specified assets or securities,

- 20 a data processing means programmable to use at least one of plurality of filter criteria to analyse said data in accordance with the method of any one of claims 12-14, and

a means to output the results of the analysis.

- 25 16. A computer program for carrying out the method in accordance with any one of claims 12-14.

17. The computer program according to claim 16, in which the buy signals/tips and sell signals/tips in accordance with the combination of technical strength and
30 fundamental strengths are displayed in accordance with their ranking..

18. A method of reviewing a portfolio of tradeable assets or securities including the steps of

(a) receiving data on a number of specified assets or securities,

(b) determining the technical strength of each asset or security from recorded

5 market characteristics of the security or asset as a function of the volume traded of the security or asset, the price at which the trade took place, and the direction of movement of the price, and ranking the technical strength of each asset or security in ascending or descending order,

(c) selecting a tradeable asset or security having a ranking or volume of

10 technical strength above a predetermined ranking,

(d) determining the fundamental strength of those selected assets or securities based on one or more of a group of selected variables and ranking those selected assets or securities based on their fundamental strength.

(e) selecting or facilitating the selection of assets or securities which are suitable
15 for purchasing and/or assets or securities which are suitable for selling based on the combination of the technical strength and fundamental strength and establishing buying and selling benchmarks based on these selections,

(f) receiving data on each tradeable asset or security in said portfolio of assets or securities,

20 (g) determining the technical strength and fundamental strength of each portfolio asset or security, and

(h) comparing the technical and fundamental strength of each portfolio asset or security with the buying and selling benchmarks established in step (e).

25 19. The method of claim 18 wherein the comparison of step (h) is the basis of providing buying, selling or hold recommendations.

20. The method of claim 19 further including the step of displaying the
30 recommendations for the individual asset or securities in the portfolio of assets or securities.

21. The method of reviewing a portfolio of assets or securities of claim 20 wherein the steps of establishment of buying and selling benchmarks comparison of each asset in the portfolio of assets and providing recommendations are performed on a continuous or regular basis.

22. The method according to claim 18 wherein the determination of the technical strength of an asset or security is conducted by calculating a volume index as:-

$$\text{Volume index} = \frac{\text{actual volume over a length of time}}{\text{average volume over the same length of time}}$$

and using the volume index in conjunction with the magnitude and direction of the price movement of the asset or security as said technical strength.

23. The method according to claim 22 wherein at least one fundamental strength characteristic is selected depending on the market sector, and the assets or securities selected on the basis of technical strength are marked according to said selected one or more fundamental strength characteristics.

24. A data processing apparatus including a central processing unit having means to receive data on a number of specified assets or securities, a data processing means programmable to use at least one of a plurality of filter criteria to analyse said data in accordance with the method of any one of claims 18-23, and a terminal means remote from said central processing unit and operatively connectable to said central processing unit, to output results of the analysis.

25. A computer program element comprising a computer program code means to make a computer execute the method according to one of claims 1 to 8.

26. A computer program for carrying out the method in accordance with one of claims 18-23.

27. A computer program element comprising a computer program code means to make a computer execute the method according to one of claims 18-23.

28. The method of claim 1 including a further step of accessing a database of
5 information relevant to the assets or securities selected and displaying said relevant information.

29. The method of claim 18 including a further step of accessing a database of
10 information relevant to the assets or securities in said portfolio and selecting and displaying information related to the assets or securities in said portfolio.

30. The data processing apparatus of claim 24 further including a means of
accessing a database of information relevant to the assets or securities in said
portfolio, means for selecting information related to the assets or securities in said
15 portfolio, and means for displaying said related information on said terminal means.

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FIGURE 1 (Sheet 1/34)

HIGH VOLUMES TRADED THIS WEEK

11.5.87

MINING AND OIL-MCAP. > 200M			
STOCK NAME	VOLUME INDEX	PRICE	MCAP(1000)
ANGLO AMERICAN PACIFIC LIMITED	16.13	3.05	274763
BARROET LIMITED	9.98	1.45	371784
HARTSHORN LIMITED	4.30	4.30	359186
METALS EXPLORATION LIMITED	7.48	1.75	359186
BHP GOLD MINES LIMITED	8.33	6.00	346752
NORTHERN MINING LIMITED	6.19	1.85	600559
PACIFIC MINING LIMITED	5.11	1.85	600559
CRUICKSHANK LIMITED	3.98	3.25	623446
ALL-SC GOLD MINE N/L	3.90	1.70	320750
NORTH FLINDERS MINER LIMITED	3.23	5.40	507819
PELLETT RESOURCES N/L	2.86	1.30	311545
AUSTRALEUM AND GAS CORPORATION LIMITED	2.86	1.30	311545
MIL-HOLDINGS LIMITED	2.70	2.70	512325
2.55	3.35	2505596	
MINING AND OIL-MCAP. BETWEEN 50M AND 200M			
STOCK NAME	VOLUME INDEX	PRICE	MCAP(1000)
BARROET PETROLEUM N/L	212.47	1.25	62500
WHITON OIL N/L	84.01	0.57	62797
SOUTHERN RESOURCES LIMITED	13.94	3.65	66041
BRIDGECORP N/L	12.72	4.60	146068
PHOSPHORUS OIL N/L	11.71	0.98	54144
JELLA MINES N/L	8.46	1.05	105960
ACTED EXPLORATION LIMITED	8.25	11.00	118146
PETROBRASIA AUSTRALIA N/L	7.77	0.18	51800
PETRO ENERGY LIMITED	7.77	0.18	51800
GREENSHIRES T/N LIMITED	6.88	1.30	82973
GOLDEN VALLEY MINES N/L	6.87	3.46	111723
BULLOCK GOLD N/L	5.89	0.33	84400
IRON RESOURCES N/L	5.89	0.33	84400
MINING AND OIL-MCAP. LESS THAN 50M			
STOCK NAME	VOLUME INDEX	PRICE	MCAP(1000)
KIA PACIFIC GOLD LIMITED	41.17	1.25	16481
CONHALL PETROLEUM CORPORATION N/L	31.57	0.32	31524
MOORE LIMITED	27.83	1.15	42623
ALBARRA MINING N/L	27.54	0.82	22270
SAMWICK N/L	27.38	0.85	26800
EAST COAST MINERALS N/L	21.13	0.85	16047
FAIRFAX MINING LIMITED	18.80	0.85	26590
MINING INVESTMENT LIMITED	18.15	0.80	33362
CLIFFORD MINING LIMITED	18.01	0.40	8601
GOVERNOR RESOURCES	17.25	0.75	16047
CENTRAL MURCHISON GOLD LIMITED	13.25	0.19	17262
ZAPCON N/L	12.06	1.00	12260
MATTLE GULL GOLD MINES N/L	12.00	0.37	10725
INDUSTRIAL STOCKS-MCAP. > 200M			
STOCK NAME	VOLUME INDEX	PRICE	MCAP(1000)
ARLSON INVESTMENT LIMITED	24.64	1.00	254178
TOOTH & CO LIMITED	12.56	5.00	47427
BORG-MANN (AUSTRALIA) LIMITED	9.75	5.00	81353
JAMES HARDIE INDUSTRIES LIMITED	8.71	4.55	233571
GOUGHAN FELSHER LIMITED	5.70	1.50	181552
WEEFARMERS LIMITED	4.70	3.70	279320
PHILIP ARNOLD LIMITED	2.18	3.80	327658
NATIONAL CONSOLIDATED LIMITED	2.11	4.70	279320
WESTFIELD TRUST	2.05	4.50	335872
BORRAL LIMITED	2.05	4.50	335872
COLLIERIES CHALLENGE LIMITED	1.87	4.70	381704
NATIONAL AUSTRALIA BANK LIMITED	1.86	7.00	353593
1.81	5.54	2471145	
INDUSTRIAL STOCKS-MCAP. BETWEEN 50M AND 200M			
STOCK NAME	VOLUME INDEX	PRICE	MCAP(1000)
INDUSCOR SECURITIES PROPERTY TRUST	41.04	3.80	55800
INDO HOLDINGS LIMITED	29.62	0.56	55991
PRIEVALE INVESTMENTS LIMITED	11.82	0.44	83185
NATIONAL PROPERTIES LIMITED	10.33	1.10	82900
DOUGLASS GEMINT LIMITED	9.98	4.50	174988
BUNNINGS LIMITED	8.28	3.95	60867
CHERVEN LIMITED	8.23	3.40	100319
PRIE METALS CORPORATION LIMITED	8.43	3.40	100319
LATED INVESTMENT LIMITED	8.21	0.37	100508
NIL CORPORATION LIMITED	5.75	3.15	109500
INVESTMENT COL	5.00	1.10	68687
FIRST NATIONAL RESOURCES TRUST	4.50	1.10	68687
GOODS INDUSTRIAL LIMITED	3.83	3.25	89725
INDUSTRIAL STOCKS-MCAP. LESS THAN 50M			
STOCK NAME	VOLUME INDEX	PRICE	MCAP(1000)
GOLDMAN INVESTMENTS LIMITED	140.45	0.35	4128
PACIFIC CAPITAL LIMITED	110.64	0.48	4128
WILLIAMS HOLDINGS LIMITED	81.40	1.10	44385
LUSTAL LIMITED	72.58	0.31	3999
DOA AUSTRALIA LIMITED	53.81	0.85	10313
ARMCHAM INVESTMENT HOLDINGS LIMITED	48.95	0.85	14414
ARMCHAM INVESTMENT LIMITED	36.95	1.20	11460
BALMAIN AUSTRALIA LIMITED	32.65	0.90	3078
TECHNICAL EQUITIES LIMITED	22.48	0.12	2003
CHURCHILL LEBURE INDUSTRIES LIMITED	21.86	2.80	46654
WILLIAMS GROUP LIMITED	21.78	0.13	4700
WINDSOR HOLDINGS LIMITED	18.94	1.20	1813

FIGURE 2 (Sheet 2/34)

STOCKS NEAR BOOK VALUE

[illegible]

FIGURE 3 (Sheet 3/34)

[illegible]

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11.587

FIGURE 4 (Sheet 4/34)

HIGH DIVIDEND YIELD STOCKS

MINING AND OIL-M-CAP. > 200M				INDUSTRIAL STOCKS-M-CAP. > 200M			
STOCK NAME	YIELD	BFYX	PRICE	STOCK NAME	YIELD	BFYX	PRICE
QUEENSLAND COAL TRUST	14.35	0.75	4.15	WESTERN PETROLEUM	10.87	0.00	3.30
C.R.F. LIMITED	5.28	37.27	475	WESTFIELD TRUST	7.70	0.00	2.00
WESTERN AUSTRALIAN DIAMOND TRUST	4.68	35.30	3.63	STOCKLAND TRUST	7.70	0.00	2.00
CENTRAL HORMANWATER GOLD CORPORATION	4.28	40.78	3.30	GENERAL PROPERTY TRUST	7.07	0.00	3.05
BOULMAMILL COPPER LIMITED	2.84	35.79	8.00	PETERALLEE SUBSIDIARY LIMITED	6.52	33.12	3.30
BROKEN HILL PROPRIETARY COMPANY LIMITED, THE	2.78	45.65	10.20	WESTFIELD INTERNATIONAL LIMITED	5.96	18.84	3.30
PROCON LIMITED	2.50	35.49	8.00	TOOTH & CO LIMITED	5.96	18.84	3.30
SONS OF GWALIA, NL	2.34	32.62	2.20	WESTPAC BANKING CORPORATION	5.82	40.09	4.48
KODJON GOLD MINES LIMITED	1.74	34.00	1.00	THE WAGER OF AUSTRALIA LIMITED	5.43	44.19	2.50
VANGUARD LIMITED	1.70	58.68	3.50	WESTERN AUSTRALIA BANK LIMITED	5.23	39.15	8.50
WESTERN AUSTRALIAN HOLDINGS LIMITED	1.59	27.84	3.70	RAI INVESTMENT GROUP LIMITED	4.80	25.77	3.37
C.R.A. LIMITED	1.25	1.48	10.00	HAINES LIMITED	4.80	42.31	2.45
GOLD MINES OF MARGOOLIE LIMITED	1.25	1.48	10.00	SUNSHINE AIRTRAIL LIMITED	4.80	40.08	3.37
MINING AND OIL-M-CAP. BETWEEN 50M AND 200M				WHEELWRIGHT INDUSTRIES LIMITED	4.64	34.31	4.55
STOCK NAME	YIELD	BFYX	PRICE	STOCK NAME	YIELD	BFYX	PRICE
COAL & ALIED INDUSTRIES LIMITED	7.23	40.04	4.15	QUEENSLAND HOLDINGS LIMITED	16.87	0.07	0.24
WESTERN AUSTRALIAN DIAMOND TRUST	6.83	0.00	1.40	QUEENSLAND INVESTMENT TRUST	13.00	0.00	0.95
QUEENSLAND LITTLERIDGE LIMITED	3.83	45.48	7.00	PENINSULAR PROPERTY TRUST	11.41	0.00	0.83
CUPIDORE 2	2.38	42.80	5.20	WILSON PROPERTY TRUST	11.05	0.00	2.08
WESTERN SANDS LIMITED	2.38	42.80	5.20	HOOPER PROPERTY TRUST	10.16	0.00	0.24
GREAT VICTORIA GOLD LIMITED	2.17	0.00	2.30	NATIONAL CAPITAL PROPERTY TRUST	8.33	0.00	1.18
COSTIAN AUSTRALIA LIMITED	1.96	31.74	2.60	WESTERN AUSTRALIAN INVESTMENT CO. LTD	7.23	0.00	1.10
SOUTHERN GOLDFIELDS LIMITED	0.43	0.00	0.85	GROUP PROPERTY SERVICES LIMITED	6.89	0.00	0.25
MINING AND OIL-M-CAP. LESS THAN 50M				MACMURDOCK HOLDINGS LIMITED	6.83	3.87	1.10
STOCK NAME	YIELD	BFYX	PRICE	CAPITAL PROPERTY TRUST	6.23	0.00	2.25
MARY KATHLEEN URANUM	15.00	0.00	0.20	M.P.L. HOLDINGS LIMITED	5.99	55.60	1.87
WESTERN AUSTRALIAN INVESTMENTS LIMITED	6.57	0.00	0.32	WESTERN AUSTRALIAN HOLDINGS LIMITED	5.15	1.60	2.10
AUSTIN & BUTTA LIMITED	1.50	0.00	0.80	INDUSTRIAL STOCKS-M-CAP. LESS THAN 50M			
PACIFIC MINING LIMITED	1.30	0.00	0.80	STOCK NAME	YIELD	BFYX	PRICE
MINING AND OIL-M-CAP. > 200M				QUEENSLAND HOLDINGS LIMITED	16.87	0.07	0.24
QUEENSLAND COAL TRUST	14.35	0.75	4.15	ASBATO PACIFIC INDUSTRIES LIMITED	13.36	45.22	0.80
C.R.F. LIMITED	5.28	37.27	475	TAS PACIFIC LIMITED	13.06	42.56	0.85
WESTERN AUSTRALIAN DIAMOND TRUST	4.68	35.30	3.63	QUEENSLAND PROPERTY TRUST	12.38	0.00	0.87
CENTRAL HORMANWATER GOLD CORPORATION	4.28	40.78	3.30	ASPLAGE PROPERTY TRUST	12.02	0.00	1.90
BOULMAMILL COPPER LIMITED	2.84	35.79	8.00	LEGATABLE PROPERTY TRUST	11.82	0.00	0.85
BROKEN HILL PROPRIETARY COMPANY LIMITED, THE	2.78	45.65	10.20	QUEENSLAND PROPERTY TRUST	11.58	0.00	1.10
PROCON LIMITED	2.50	35.49	8.00	MACMURDOCK LIMITED	11.26	0.00	1.10
SONS OF GWALIA, NL	2.34	32.62	2.20	STRONG PROPERTY TRUST	11.05	0.00	0.95
KODJON GOLD MINES LIMITED	1.74	34.00	1.00	QUEENSLAND PROPERTY TRUST	11.03	0.00	1.00
VANGUARD LIMITED	1.70	58.68	3.50	QUEENSLAND PROPERTY TRUST	10.87	0.00	1.00
WESTERN AUSTRALIAN HOLDINGS LIMITED	1.59	27.84	3.70	PANTER DODON HOLDINGS LIMITED	10.23	41.76	0.75
C.R.A. LIMITED	1.25	1.48	10.00				
GOLD MINES OF MARGOOLIE LIMITED	1.25	1.48	10.00				

FIGURE 5A (Sheet 5/34)

BEST PERFORMING STOCKS OVER LAST WEEK

[illegible]

WORST PERFORMING STOCKS FOR LAST WEEK

[illegible]

FIGURE 6 (Sheet 7/34)

HIGH VOLUME STOCKS - TRADED LAST WEEK

177.87

INDUSTRIAL STOCKS-M.CAP > 200M					MINING AND OIL-M.CAP > 200M				
STOCK NAME	VOLUME INDEX	PRICE	M.CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE	M.CAP (MILL)	STOCK NAME	
EMAL LIMITED	48.37	8.00	392	HILL RESOURCES LIMITED	20.70	5.28	3504	M.CAP (MILL)	
HELI CORPORATION	12.28	8.00	392	HILL RESOURCES LIMITED	20.70	5.28	3504	M.CAP (MILL)	
ASHES HODGINS LIMITED	6.93	8.00	392	ALCAN AUSTRALIAN LIMITED	7.08	2.90	344	M.CAP (MILL)	
GEORGE WESTON FOODS LIMITED	6.39	3.20	1462	ANGLO AMERICAN PACIFIC LIMITED	3.68	7.08	344	M.CAP (MILL)	
ROYAL LIMITED	4.82	8.00	392	BARRICK MINES LIMITED	3.45	4.80	269	M.CAP (MILL)	
CLAYTON HOBARD LIMITED	4.83	8.00	405	CONSOLIDATED RESOURCES LIMITED	3.11	1.93	786	M.CAP (MILL)	
QUANTO LIMITED	4.49	3.48	540	GRANT RESOURCES LIMITED	2.97	5.70	659	M.CAP (MILL)	
WEST TAI BANGKOR CORPORATION	3.11	1.70	467	PARKING MINING AND EXPLORATION COMPANY P.L.C.	2.82	5.70	221	M.CAP (MILL)	
WESPARTNERS LIMITED	3.01	4.00	236	OIL MARCHANDS GROUP OIL N.L.	2.37	2.60	235	M.CAP (MILL)	
MINERALS INVESTMENTS LIMITED	2.78	3.65	404	ELDER RESOURCES LIMITED	2.37	2.60	392	M.CAP (MILL)	
APF INVESTMENT CORPORATION LIMITED	2.84	3.90	272	ASBURY LIMITED	2.08	2.90	493	M.CAP (MILL)	
T.N.T. LIMITED	2.84	5.18	280	BRIDGE OIL LIMITED	1.90	1.90	609	M.CAP (MILL)	
				PRIO OIL LIMITED	1.90	1.75	436	M.CAP (MILL)	
INDUSTRIAL STOCKS-M.CAP. BETWEEN 50M AND 200M					MINING AND OIL-M.CAP. BETWEEN 50M AND 200M				
STOCK NAME	VOLUME INDEX	PRICE	M.CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE	M.CAP (MILL)	STOCK NAME	
KINGSFAT INTERNATIONAL CORPORATION LIMITED	31.64	0.45	30	ACORN RESOURCES COMPANY N.L.	7.73	2.60	79	M.CAP (MILL)	
DARRELL JAMES LIMITED	30.43	4.30	52	ALUELLER MINERALS AND MINERALS N.L.	7.25	1.48	195	M.CAP (MILL)	
ROBERTSON LIMITED	18.91	2.05	83	STRATFORD ENERGY CORPORATION N.L.	6.58	2.15	103	M.CAP (MILL)	
ABBOTT HOLDINGS LIMITED	10.48	1.78	78	YALLORE MINERALS AND MINERALS N.L.	4.78	0.77	88	M.CAP (MILL)	
CONQUEST-CEMENT LIMITED	10.09	1.98	128	NORMANBY RESOURCES N.L.	4.73	2.75	173	M.CAP (MILL)	
CHUAN HUP AUSTRALIA LIMITED	8.96	3.05	100	EASTNET LIMITED	4.63	3.15	95	M.CAP (MILL)	
WATERPARKS EQUITY LIMITED	8.14	4.15	148	TRAD MINERALS	4.14	0.79	82	M.CAP (MILL)	
B.T. INSURANCE CORPORATION LIMITED	7.84	2.80	71	GREAT FINANCIAL MINING COMPANY N.L.	3.98	1.48	103	M.CAP (MILL)	
FORTUNA HOLDINGS LIMITED	7.84	2.80	71	DEVEL LIMITED	3.77	1.48	103	M.CAP (MILL)	
WASHINGTON H. SOUL PATTERSON AND COMPANY	6.34	13.00	131	CONSOLIDATED RUTILE LIMITED	3.39	7.00	148	M.CAP (MILL)	
WILLIAMS LIMITED	5.44	0.30	30	CARR BOTO MINERALS LIMITED	3.23	2.00	130	M.CAP (MILL)	
WILLIAMS LIMITED	0.70	0.70	70	NOVA ENERGY COMPANY LIMITED	3.00	1.45	145	M.CAP (MILL)	
OVERSEAS STRATEGIC HOLDINGS LIMITED	4.21	7.70	188	NOVA ENERGY COMPANY LIMITED	3.00	0.85	65	M.CAP (MILL)	
PERMIT HOLDINGS LIMITED	4.21	3.45	168						
INDUSTRIAL STOCKS-M.CAP. LESS THAN 50M					MINING AND OIL-M.CAP. LESS THAN 50M				
STOCK NAME	VOLUME INDEX	PRICE	M.CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE	M.CAP (MILL)	STOCK NAME	
SOUTHERN HOLDINGS LIMITED	98.81	1.20	12	MACQUARIE OIL N.L.	11.48	0.38	16	M.CAP (MILL)	
WILSON INVESTMENT LIMITED	58.84	1.85	19	EMPERANCE MINERALS N.L.	11.39	0.38	16	M.CAP (MILL)	
WILSON INVESTMENT LIMITED	49.90	1.90	21	MOULT PULPING GOLD TRUST	10.41	0.38	22	M.CAP (MILL)	
WOODMANS LIMITED	49.90	1.90	21	SOUTHERN GOLD MINES LIMITED	10.38	0.70	10.38	M.CAP (MILL)	
TRANS-PACIFIC FINANCIAL CORPORATION LIMITED	37.02	3.20	23	SOUTHERN GOLD MINES LIMITED	7.54	0.34	14	M.CAP (MILL)	
GRIBBIE LIMITED	23.16	1.95	7	PLANTY FINER MINING COMPANY N.L.	7.42	0.14	14	M.CAP (MILL)	
GRIBBIE LIMITED	21.03	0.40	4	BASS STRAIT OIL & GAS HOLDINGS N.L.	6.88	0.18	9	M.CAP (MILL)	
AMERICAN CORPORATION LIMITED	17.85	2.65	37	PULP GOLD N.L.	6.53	0			
DELTA WEST LIMITED	17.85	2.65	37	PULP GOLD N.L.	6.53	0.30	40	M.CAP (MILL)	
BEA WEST LIMITED	19.78	0.05	2	BAUMANN RESOURCES N.L.	6.25	0.30	30	M.CAP (MILL)	
JOYCE CORPORATION LIMITED	10.91	1.95	18	JENKINS SULL-PARTER (N.T.) LIMITED	5.74	0.58	15	M.CAP (MILL)	
JOYCE CORPORATION LIMITED	10.91	1.95	18	JOYCE CORPORATION LIMITED	5.74	0.58	15	M.CAP (MILL)	
CHARTERHALL AUSTRALIA LIMITED	11.85	2.15	31	JOYCE CORPORATION LIMITED	5.74	0.58	15	M.CAP (MILL)	
CHARTERHALL AUSTRALIA LIMITED	11.85	2.15	31	JOYCE CORPORATION LIMITED	5.74	0.58	15	M.CAP (MILL)	
NEW HEDDINGHAM FOOTBALL CLUB LIMITED	13.84	1.15	17	GREAT AUSTRALIA RESOURCES N.L.	5.14	0.50	35	M.CAP (MILL)	
NEW HEDDINGHAM FOOTBALL CLUB LIMITED	13.84	1.15	17	FOUNDED AUSTRALIA RESOURCES N.L.	5.14	0.50	35	M.CAP (MILL)	

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FIGURE 6A (Sheet 6/34)

HIGH VOLUME STOCKS - LAST WEEK

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INDUSTRIAL STOCKS-M-CAP > 200M

STOCK NAME	VOLUME INDEX	PRICE	M-CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE	M-CAP (MILL)
BORCE COATS PATON LIMITED	22.34	6.30	243	CONSOLIDATED EXPLOURATION LIMITED	6.68	4.78	296
MCPHERSONS LIMITED	13.92	1.65	206	BELL RESOURCES LIMITED	4.67	2.15	298
WILSONS LIMITED	11.78	4.00	264	ALBERTA PETROLEUM LIMITED	3.84	1.35	235
BORALL LIMITED	10.12	1.22	282	NEL 30 GOLD MINE N.L.	2.40	5.72	265
TNT LIMITED	6.99	5.15	565	MALCOLM LIMITED	2.39	10.50	616
NORTHERN START HOLDINGS LIMITED	6.79	2.45	585	PARKING AND EXPLORATION COMPANY PLC	2.27	10.45	5812
WILSONS LIMITED	4.66	4.50	1205	INUSIN MINING LIMITED	2.20	14.60	919
WESTFIELD TRUST	4.51	1.15	819	EXPLORATION LIMITED	2.20	14.60	919
BORTHWOOD HOLDINGS LIMITED	4.25	2.35	340	DONCHIN MINING & OIL N.L.	2.05	3.80	265
LENO LAGRE CORPORATION LIMITED	4.18	19.40	214	PAM AUSTRALIA MINING LIMITED	2.07	4.40	359
WILSONS LIMITED	3.85	4.00	255	FOREBAYH N.L.	1.91	3.20	524
APT INVESTMENT CORPORATION LIMITED	3.85	3.50	215	FORBES MINES LIMITED	1.80	1.80	199
ACHES HOLDINGS LIMITED	3.38	8.50	215	COALSOL LIMITED	1.60	1.60	227
FULTON CHALLENGE LIMITED	3.12	4.70	404	WALLO AMERICAN PACIFIC LIMITED	1.60	1.60	227

INDUSTRIAL STOCKS-M-CAP. BETWEEN 50M AND 200M

STOCK NAME	VOLUME INDEX	PRICE	M-CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE	M-CAP (MILL)
METRO INDUSTRIES LIMITED	287.22	2.05	63	ACORN SECURITIES LIMITED	7.74	3.90	95
WILSONS LIMITED	28.36	5.40	102	CONSOLIDATED EQUITY AND FINANCE CORPORATION LTD	5.98	3.00	87
AUTISSE PROPERTY TRUST	26.38	0.75	102	COASTAL N.Z. LIMITED	4.75	5.30	89
WTE & PACIFIC EQUITY LIMITED	9.49	2.98	127	COASTAL N.Z. LIMITED	3.55	10.30	107
PRIMO HOLDINGS LIMITED	6.43	3.10	51	INDEPENDENT RESOURCES LIMITED	3.48	6.70	139
WILSONS LIMITED	7.54	0.58	108	CONSOLIDATED RUTILE LIMITED	3.29	2.00	163
CHAMPION LIMITED	6.80	1.35	120	ANTHONY RESOURCES N.L.	3.27	0.85	85
FOURM CORPORATION LIMITED	6.80	2.50	140	STRATEGIC MINERALS CORPORATION N.L.	3.23	2.40	120
SEA WORLD PROPERTY TRUST	6.02	0.75	140	GAUTNEY LIMITED	2.58	2.40	120
ORSON CHEMICAL INDUSTRIES LIMITED	6.25	4.40	66	M.T. CARPENTON MINES N.L.	2.43	5.10	106
WILSONS LIMITED	6.11	0.81	97	WILSONS LIMITED	2.30	1.80	154
WILSONS LIMITED	6.05	1.15	108	JAMES HAWKINS MINERALS N.L.	2.05	1.65	156
FIN VALL INVESTMENTS LIMITED	4.71	3.50	58	SEDIMENTARY HOLDINGS LIMITED	2.05	1.65	156
EQUITY FINANCE LIMITED	4.18	1.75	68	MANAGATE RESOURCES LIMITED	1.82	0.90	51

INDUSTRIAL STOCKS-M-CAP LESS THAN 50M

STOCK NAME	VOLUME INDEX	PRICE	M-CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE	M-CAP (MILL)
PELEX INTERNATIONAL LIMITED	589.32	2.70	2	CARBON MINERALS N.L.	21.37	0.39	7
WILSONS LIMITED	25.83	0.25	3	MACQUARIE OIL N.L.	21.24	0.60	19
ALTRAC LIMITED	14.74	2.05	44	AUSTRALIAN PETROLEUM N.L.	17.22	0.23	22
WESTALIAN FOREST INDUSTRIES LIMITED	14.23	0.50	3	SOUTHERN CROSS EXPLORATION N.L.	9.61	0.18	6
MULTI TRANSPORT HOLDINGS LIMITED	12.34	0.90	36	GREAT AUSTRALIA RESOURCES N.L.	8.97	0.60	12
POYCE CONSULTANTS LIMITED	11.78	1.25	28	STRATA OIL N.L.	5.99	0.25	9
POYCE CONSULTANTS LIMITED	11.78	1.25	28	GOLDEN HANCOCK MINES LIMITED	4.70	1.45	19
GLIMS CONSOLIDATED LIMITED	11.42	1.05	11	MOUNT KERRY MINING N.L.	4.06	1.60	39
HILLS INDUSTRIES LIMITED	10.98	2.18	40	MOUNT KERRY MINING N.L.	3.68	0.68	49
WILSONS LIMITED	10.98	2.18	40	MOUNT KERRY MINING N.L.	3.68	0.68	49
PLASMA AUSTRALIA LIMITED	10.31	0.45	13	PETROBRAS EXPLORATION N.L.	3.67	0.15	2
VEALL SECURITIES AND FINANCE LIMITED	10.10	0.45	3	MICRON HOLDINGS LIMITED	3.56	0.52	32
DEWING INDUSTRIES LIMITED	8.59	0.45	3	MICRON MINERALS LIMITED	3.52	1.45	28
CHERRY LAKE FASHION GROUP LIMITED	6.53	5.70	37				

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SUBSTITUTE SHEET (RULE 26) (RO/AU)

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FIGURE 7 (Sheet 10/34)

HIGH VOLUME STOCKS - LAST 5 WEEKS

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INDUSTRIAL STOCKS-M.CAP > 200M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (\$MILL)
BONDS SOUTH PACIFIC LTD	17.90	6.40	247
POWER SUGAR MILLS LIMITED	6.55	2.50	300
TOOTH & CO LIMITED	6.15	7.82	612
ARMY HOLDINGS LIMITED	5.08	6.00	257
ARMY HOLDINGS LIMITED	4.25	4.25	257
HELIUM CORPORATION	3.74	8.00	262
SONG CORPORATION HOLDINGS LIMITED	3.62	2.85	1131
WOKER LIMITED	3.49	4.15	649
F.H. HOLDINGS COMPANY LIMITED	3.23	5.65	711
AFI INVESTMENT CORPORATION LIMITED	3.03	2.85	1411
WOKER LIMITED	2.89	5.52	5081
WOKER LIMITED	2.08	0.00	239

MINING AND OIL-M.CAP > 200M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (\$MILL)
BELL RESOURCES LIMITED	6.05	0.20	3004
ANGLO AMERICAN PACIFIC LIMITED	3.50	3.50	344
ALCAN AUSTRALIAN LIMITED	3.35	1.35	289
BARACK MINES LIMITED	2.80	4.80	269
WATERLOO MINES LIMITED	2.70	1.75	275
COMMONWEALTH MINING & OIL N.L.	2.32	2.80	225
COMMONWEALTH MINING & OIL N.L.	2.29	3.95	2750
COMMONWEALTH MINING & OIL N.L.	2.19	1.59	789
COMMONWEALTH MINING & OIL N.L.	2.13	10.50	6640
COMMONWEALTH MINING & OIL N.L.	2.08	3.30	1021
COMMONWEALTH MINING & OIL N.L.	1.98	1.80	248
COMMONWEALTH MINING & OIL N.L.	1.86	14.80	530

INDUSTRIAL STOCKS-M.CAP. BETWEEN 50M AND 200M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (\$MILL)
KINDSATE INTERNATIONAL LTD	46.80	2.50	43
KINDSATE INTERNATIONAL CORPORATION LIMITED	11.52	0.45	115
MALCO INDUSTRIES LIMITED	7.42	2.20	52
WILSON INDUSTRIES LIMITED	7.27	1.80	72
ARBITT HOLDINGS LIMITED	6.75	4.30	52
ARBITT HOLDINGS LIMITED	6.67	0.80	106
AUSTORE PROPERTY TRUST	6.14	3.00	130
INTERPACIFIC EQUITY LIMITED	5.67	1.00	85
ENCON LIMITED	5.28	2.15	101
PRIMURY-KENTY HOLDINGS LIMITED	4.68	0.32	131
87 HOLDINGS LIMITED	4.49	1.12	139
SPOTLES GROUP LIMITED	4.34	1.40	147

MINING AND OIL-M.CAP. BETWEEN 50M AND 200M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (\$MILL)
CONSOQUATED EQUITY & FINANCE CORPORATION	4.03	3.00	87
CONSOQUATED RUTLE LIMITED	2.80	7.00	145
WILSON INDUSTRIES LIMITED	2.79	0.80	65
WILSON INDUSTRIES LIMITED	2.65	10.00	107
WILSON INDUSTRIES LIMITED	2.50	2.50	78
WILSON INDUSTRIES LIMITED	2.40	3.70	173
WILSON INDUSTRIES LIMITED	2.38	0.77	86
WILSON INDUSTRIES LIMITED	2.23	2.75	100
WILSON INDUSTRIES LIMITED	2.19	1.45	102
WILSON INDUSTRIES LIMITED	2.00	0.85	183
WILSON INDUSTRIES LIMITED	1.98	1.40	82

INDUSTRIAL STOCKS-M.CAP. LESS THAN 50M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (\$MILL)
FELIX INTERNATIONAL LIMITED	123.33	2.60	2
AUSTAL GROUP LIMITED	27.89	1.25	29
RENEWABLE INVESTMENTS LIMITED	23.82	1.85	7
STIRLING PROPERTY TRUST	21.06	1.35	39
JACK & CO AUSTRALIA LIMITED	16.50	0.20	37
EDINBURGH INDUSTRIAL TRUST	16.41	0.45	3
EDINBURGH INDUSTRIAL TRUST	14.98	1.80	31
AL TRACK LIMITED	14.15	1.50	41
AL TRACK LIMITED	13.75	0.20	12
TRANS-PACIFIC FINANCE CORPORATION LIMITED	10.81	2.50	28
TRANS-PACIFIC FINANCE CORPORATION LIMITED	10.43	0.28	14
TRANS-PACIFIC FINANCE CORPORATION LIMITED	10.16	1.00	14

MINING AND OIL-M.CAP. LESS THAN 50M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (\$MILL)
MOUNT PLEASANT GOLD TRUST	11.74	0.80	22
MACQUEAN OIL N.L.	9.57	0.19	19
MACQUEAN OIL N.L.	8.53	2.80	26
MACQUEAN OIL N.L.	6.41	0.17	13
MACQUEAN OIL N.L.	6.32	3.00	30
MACQUEAN OIL N.L.	5.90	0.34	15
MACQUEAN OIL N.L.	4.89	0.85	13
MACQUEAN OIL N.L.	4.58	0.32	8
MACQUEAN OIL N.L.	4.25	0.15	11
MACQUEAN OIL N.L.	4.05	0.15	6
MACQUEAN OIL N.L.	3.81	0.43	19
MACQUEAN OIL N.L.	3.81	0.30	6

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FIGURE 8 (Sheet 11/34)

HIGH VOLUME STOCKS - LAST 13 WEEKS

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INDUSTRIAL STOCKS-M.CAP > 200M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (MILL)
BONDS COATS PATONB LTD	7.77	6.40	247	ANGLO AMERICAN PACIFIC LIMITED	4.71	2.80	296
KONKER LIMITED	5.43	4.15	648	COMMON MINING & OIL N.L.	3.58	1.53	708
GEORGE WESTON FOODS LIMITED	4.58	6.00	207	NORTH VAUGHAN MINES LIMITED	3.52	6.28	3004
ARAGE RESORTS TRUST	3.91	2.80	252	NEWCASTLE MINES LIMITED	3.39	1.25	940
EMAL LIMITED	3.81	2.80	503	METALS EXPLORATION LIMITED	2.95	2.50	344
WILLIAMS INVESTMENTS	3.58	11.50	1231	ILL GOLD MINE N.L.	2.78	3.75	344
TOOTH & CO LIMITED	3.28	2.80	912	MATCO ENERGY LIMITED	2.78	0.88	218
PONKER SUGAR MILLS LIMITED	2.81	2.80	395	ALUMINA AUSTRALIAN LIMITED	2.77	4.50	288
COMPUTER TOWERS LIMITED	2.58	1.45	4178	BARRACK MINES LIMITED	2.17	14.50	530
FLYDUTCH CHALLENGE LIMITED	2.52	5.00	218	NORTH FLANDERS MINES LIMITED	2.16	2.88	2813
FLYDUTCH CHALLENGE LIMITED	2.52	5.00	218	CITY RESOURCES LIMITED	2.15	1.15	278
SCHRODER PROPERTY FINANCE	2.51	4.50	1205	PHANSON RESOURCES N.L.	2.07	1.15	278
NATIONAL CONSOLIDATED LIMITED	2.48	3.70	385				

INDUSTRIAL STOCKS-M. CAP BETWEEN 50M AND 200M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (MILL)
METRO INDUSTRIES LIMITED	26.81	2.05	83	ENOMANGA-HYDROCARBONS N.L.	6.35	0.32	77
WILLIAMS INVESTMENTS	18.86	0.80	121	SOLDIER GROVE MINING N.L.	4.29	3.80	74
BOYENA & CO LIMITED	15.86	0.80	121	WILLIAMS INVESTMENTS	3.85	2.88	105
INTER-PACIFIC EQUITY LIMITED	7.57	4.15	148	JACOBS PETROLEUM	3.70	1.55	187
MALCO INDUSTRIES LIMITED	5.39	3.05	190	ACTEC EXPLORATION LIMITED	3.65	0.78	152
WILCO INDUSTRIES LIMITED	4.91	2.20	62	GENCO OIL N.L.	3.20	10.00	107
AUSTORE PROPERTY TRUST	4.80	0.85	115	ROCKWELL RESOURCES LIMITED	3.15	3.85	84
AUSTORE PROPERTY TRUST	4.37	0.80	107	CONSOLIDATED EQUITY AND FINANCE CORPORATION LTD	2.70	2.70	135
AUSTRALIAN PACIFIC AND BREEDING STABLES LIMITED	4.27	3.00	79	EASTMET LIMITED	2.64	2.84	54
ABBOTT HOLDINGS LIMITED	4.22	1.75	85	WARRGATE RESOURCES LIMITED	2.84	0.85	103
FLYDUTCH CHALLENGE LIMITED	3.94	2.50	52	WARRGATE RESOURCES LIMITED	2.78	1.45	103
EQUITY FINANCE LIMITED	3.80	4.50	52	NOVA OCEAN RESOURCES (HEG) LIMITED	2.43	0.80	86
DARRELL JAMES LIMITED	3.74	2.15	191	A.G.S. MINERALS LIMITED	2.43	0.80	86
PAREURY HENRY HOLDINGS LIMITED	3.72	0.60	60	INDO-EAST MINERALS NO LIABILITY	2.34	1.15	73
PINE VALE INVESTMENTS LIMITED	3.72	0.60	60				

INDUSTRIAL STOCKS-M. CAP LESS THAN 50M

STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (MILL)	STOCK NAME	VOLUME INDEX	PRICE (\$)	M.CAP (MILL)
WILLIAMS INVESTMENTS	58.81	2.80	2	WILLIAMS MINING N.L.	7.59	0.43	16
ENTRANT INVESTMENTS LIMITED	12.11	0.44	7	JACOBUCE OIL N.L.	6.40	0.80	9
ENTERPRISE INVESTMENTS (SOUTH AUSTRALIAN) LIMITED	12.11	0.44	7	WIA PACIFIC GOLD LIMITED	6.06	0.47	48
REDFEATHER INVESTMENTS LIMITED	11.54	1.88	5	METALS MINES N.L.	5.80	0.55	25
ACT & LAND PROPERTY DEVELOPMENT P/LNO	10.99	4.50	12	NEW AUSTRALIAN RESOURCES N.L.	5.20	2.80	36
WILLIAMS INVESTMENTS	10.72	1.25	25	WILLIAMS INVESTMENTS	5.07	0.50	22
AUSTAL GROUP LIMITED	10.72	1.25	25	MOULT PREMIUM GOLD TRUST	4.75	1.00	42
A TRUCK LIMITED	10.36	1.00	14	PHOSPHOR OIL & GAS N.L.	4.75	1.00	42
VANGUARD INSURANCE COMPANY LIMITED	10.36	1.00	14	EAST COAST MINERALS N.L.	4.72	0.50	11
WILLIAMS INVESTMENTS	8.49	1.35	39	WILLIAMS INVESTMENTS	4.60	0.58	17
FOREMOST HOLDINGS LIMITED	8.19	1.60	31	SOUTHERN CROSS EXPLORATION N.L.	4.58	0.17	15
WILLIAMS INVESTMENTS	7.66	0.25	37	MARY KATHLEEN JARVIS	4.48	0.17	15
MILDURA GRAND HOTEL LIMITED	7.66	0.25	37	CHARTERS TONGER MINES N.L.	4.48	0.17	15
WILLIAMS INVESTMENTS	6.82	1.65	10	DISPERANCE MINERALS N.L.	4.21	0.50	6

HIGH CHANGE OF OWNERSHIP - LAST WEEK

SUBSTITUTE SHEET (RULE 26) (RO/AU)

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FIGURE 10 (Sheet 1334)

HIGH CHANGE OF OWNERSHIP - LAST 5 WEEKS

INDUSTRIAL STOCKS-M. CAP > 200M				MINING AND OIL-M. CAP > 200M			
STOCK NAME	CO INDEX	PRICE (\$)	M.CAP (MILL)	STOCK NAME	CO INDEX	PRICE (\$)	M.CAP (MILL)
CLAMBERLAND CREDIT CORPORATION LIMITED	21.27	0.92	335	HILL ROAD LIME NL	13.21	5.70	544
BONDS CANT PATONS LIMITED	17.48	6.40	247	POSEIDON LIME NL	13.21	5.70	544
POKERNI BAY MILLS LIMITED	16.83	2.90	500	WESTERN MINING CORPORATION HOLDINGS LIMITED	10.37	8.40	400
BOND CORPORATION HOLDINGS LIMITED	13.05	2.05	117	FORBATH NL	9.50	4.90	5471
MICHERSONS LIMITED	10.05	1.30	205	EMPSOR MINES LIMITED	8.98	9.28	5504
SUNSHINE AUSTRALIA LIMITED	9.88	2.85	382	DOMMON MINING & OIL NL	8.41	2.80	328
APF INVESTMENT CORPORATION LIMITED	8.08	6.00	292	QUEENSLAND COAL TRUST	7.87	1.95	788
MONER LIMITED	6.08	5.10	111	PARADISE MINING & EXPLORATION COMPANY P.L.C.	7.13	1.38	709
ELDOBS ILL LIMITED	5.74	4.60	432	NILGUM MINING LIMITED	7.13	1.38	709
WILSONS CREDIT CORPORATION LIMITED	4.68	4.10	299	WHM CREEK CONSOLIDATED NL	6.80	12.40	305
ANTHILL AUSTRALIA BANK LIMITED	4.68	4.10	299	WATKINS EXPLORATION LIMITED	6.44	5.40	629
TOOTH-H. CO LIMITED	4.48	7.92	852	NOTALAN EXPLORATION NL	6.11	14.70	412
TNT LIMITED	4.42	5.18	2610	CER LIMITED	5.98	3.25	2706
INDUSTRIAL STOCKS-M. CAP BETWEEN 50M AND 200M				MINING AND OIL-M. CAP BETWEEN 50M AND 200M			
STOCK NAME	CO INDEX	PRICE (\$)	M.CAP (MILL)	STOCK NAME	CO INDEX	PRICE (\$)	M.CAP (MILL)
METRO INDUSTRIES LIMITED	95.00	2.05	83	MAWSON PACIFIC LIMITED	20.81	3.35	36
SOUTHERN FRIDGE LIMITED	26.34	1.85	72	STRATEGIC MINERALS CORPORATION NL	14.50	2.75	103
ROTHWELLS LIMITED	13.15	1.90	79	ACORN SECURITIES LIMITED	13.58	2.68	105
ANPROCO HOLDINGS LIMITED	13.15	2.25	121	GREAT FRANKLIN MINING COMPANY NL	11.73	1.35	70
DARRELL JAMES LIMITED	11.62	4.30	92	EASTNET LIMITED	10.83	2.70	135
CHALMERS INTERNATIONAL CORPORATION LIMITED	8.85	3.34	83	SQUARE GOLD & MINERALS LIMITED	10.58	0.77	88
MALCO INDUSTRIES LIMITED	8.75	2.20	53	ASTRO MINING NL	10.38	1.40	82
SEA WORLD PROPERTY TRUST	8.56	0.70	100	TRIMCO RESOURCES LIMITED	9.38	2.75	100
SPOTLESS GROUP LIMITED	7.26	1.40	147	LITTLE RIVER GOLDFIELDS NL	9.03	0.83	99
WHEELER GROUP LIMITED	6.70	1.70	71	WILSONS EXPLORATION NL	8.90	2.35	78
ENCON LIMITED	6.37	1.00	45	RAMSAY RESOURCES LIMITED	8.28	0.85	84
CHALLENGE BANK LIMITED	6.34	2.40	103	NORTH QUEENSLAND RESOURCES NL	8.28	0.85	84
KENTROL LIMITED	6.21	0.33	74	NORTH QUEENSLAND RESOURCES NL	7.90	1.65	57
INDUSTRIAL STOCKS-M. CAP LESS THAN 50M				MINING AND OIL-M. CAP LESS THAN 50M			
STOCK NAME	CO INDEX	PRICE (\$)	M.CAP (MILL)	STOCK NAME	CO INDEX	PRICE (\$)	M.CAP (MILL)
MULTITRANSPORT HOLDINGS LIMITED	46.30	0.48	3	MOUNT PLEASANT GOLD TRUST	65.44	0.50	22
ALSTRA GROUP LIMITED	37.11	1.25	25	NEW ZEALAND MINERALS CORPORATION LIMITED	27.87	3.25	21
AUSTRALIAN RESORT DEVELOPMENT LIMITED	33.79	1.00	14	NEW ZEALAND MINERALS NL	25.33	0.28	11
RA INTERNATIONAL LIMITED	33.79	1.00	14	EMU HILL GOLD MINES NL	24.36	1.10	14
DATA AUSTRALIA LIMITED	33.34	1.30	36	RESIST MINING LIMITED	24.36	0.57	18
REGISRET FINESTONES LIMITED	20.05	0.15	1	AUSTRALIAN UNLIMITED GOLD NL	21.42	0.57	21
CORO HOLDINGS LIMITED	19.74	0.20	11	WESTRALIAN GOLD MINES NL	18.00	0.52	21
BACER PACIFIC LIMITED	16.90	0.85	3	NEW HOLLAND MINING NL	17.40	0.90	33
WILSONS EXPLORATION NL	16.90	0.85	3	COLQUEST TECHNOLOGY LIMITED	15.86	1.35	29
COMMUNICATIONS AND ENTERTAINMENT LIMITED	16.90	0.85	3	NOTALAN MINERALS LIMITED	15.86	1.10	13
TRANS-PACIFIC FINANCE CORPORATION LIMITED	16.90	0.85	3	KULPARA MINING NL	14.18	0.43	18
PRINCE PRINCE LIMITED	16.90	0.85	3	DONOWAN RESOURCES NL	14.10	0.14	6
ENTABLE PROPERTY TRUST	14.90	1.80	31	DONOWAN RESOURCES NL	13.82	0.55	15

FIGURE 11 (Sheet 14/34)

HIGH CHANGE OF OWNERSHIP - LAST 13 WEEKS

[illegible]

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FIGURE 12 (Sheet 15/34)

INDUSTRIAL STOCKS-ACAP > 200M				MINING AND OIL-ACAP > 200M			
STOCK NAME	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	STOCK NAME	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)
MOWER LIMITED	5.43	415	548	ACAP	1.17	104	400
ALCOA AUSTRALIAN LIMITED	4.58	9.00	207	ACAP	1.17	104	400
EMERALD MINES LTD	3.91	2.50	777	ACAP	1.17	104	400
EMERALD LIMITED	3.91	2.50	777	ACAP	1.17	104	400
HELM CORPORATION	2.52	3.45	549	ACAP	1.17	104	400
APP INVESTMENT CORPORATION LIMITED	2.14	8.00	282	ACAP	1.17	104	400
BOND CORPORATION HOLDINGS LIMITED	2.12	2.55	1131	ACAP	1.17	104	400
NATIONAL AUSTRALIA BANK LIMITED	2.01	8.50	3061	ACAP	1.17	104	400
AUSTRALIA & NEW ZEALAND BANKING GROUP LIMITED	1.96	4.42	3065	ACAP	1.17	104	400
TYL LIMITED	1.85	2.95	393	ACAP	1.17	104	400
AMERICAN PACIFIC HOLDINGS LIMITED	1.79	1.50	279	ACAP	1.17	104	400
AUSTRALIAN ASSET MANAGEMENT LIMITED	1.63	1.80	242	ACAP	1.17	104	400
CUMMERLAND CREDIT CORPORATION LIMITED	0.94	0.92	238	ACAP	1.17	104	400
INDUSTRIAL STOCKS-ACAP BETWEEN 80M AND 200M				MINING AND OIL-ACAP BETWEEN 80M AND 200M			
STOCK NAME	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	STOCK NAME	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)
METRO INDUSTRIES LIMITED	8.96	0.30	121	ACAP	1.17	104	400
LATIC INVESTMENTS LIMITED	7.57	3.00	148	ACAP	1.17	104	400
INTER-PACIFIC HOLDINGS LIMITED	5.36	2.40	159	ACAP	1.17	104	400
KINGSFATE INTERNATIONAL CORPORATION LIMITED	4.22	1.55	79	ACAP	1.17	104	400
ABBOTT HOLDINGS LIMITED	3.64	2.05	72	ACAP	1.17	104	400
DANIELL LIMITED	3.25	3.34	52	ACAP	1.17	104	400
CHUN HUP AUSTRALIA LIMITED	3.00	1.00	79	ACAP	1.17	104	400
B.T. INSURANCE HOLDINGS LIMITED	2.15	1.00	79	ACAP	1.17	104	400
TYL CORPORATION LIMITED	1.28	0.78	91	ACAP	1.17	104	400
MONTORO RESOURCES LIMITED	1.13	4.15	103	ACAP	1.17	104	400
CHALLENGE BANK LIMITED	0.40	0.10	121	ACAP	1.17	104	400
INTERPAC HOLDINGS LIMITED	0.40	0.10	121	ACAP	1.17	104	400
INDUSTRIAL STOCKS-ACAP LESS THAN 80M				MINING AND OIL-ACAP LESS THAN 80M			
STOCK NAME	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	STOCK NAME	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)	13 WEEK VOLUME INDEX PRICE (R)
ROCKWELL INVESTMENTS LIMITED	10.72	0.95	28	ACAP	1.17	104	400
BOULDER HOLDINGS LIMITED	10.72	0.95	28	ACAP	1.17	104	400
AUTRAL GROUP LIMITED	9.82	0.30	10	ACAP	1.17	104	400
ROCKWELL INVESTMENTS LIMITED	9.82	0.30	10	ACAP	1.17	104	400
AUTRALIAN RESORT DEVELOPMENT LIMITED	4.49	1.00	14	ACAP	1.17	104	400
RIA INVESTMENT GROUP LIMITED	4.19	0.70	28	ACAP	1.17	104	400
CHAMPION INVESTMENTS LIMITED	3.35	0.17	24	ACAP	1.17	104	400
COMMUNICATIONS AND ENTERTAINMENT LIMITED	2.30	0.86	11	ACAP	1.17	104	400
CORP HOLDINGS LIMITED	1.97	0.80	37	ACAP	1.17	104	400
PENIN SECURITIES LIMITED	1.11	0.35	2	ACAP	1.17	104	400

FIGURE 14 (Sheet 17/34)

SUBSTITUTE SHEET (RULE 26) (RO/AU)

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FIGURE 15 (Sheet 18/34)

HIGH P/E STOCKS

INDUSTRIAL STOCKS-MCAP > 200M				INDUSTRIAL STOCKS-MCAP > 200M				MINING AND OIL-MCAP > 200M				MINING AND OIL-MCAP > 200M			
STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)
BATCH TECHNOLOGIES TRUST	1912.28	3.05	534	NORTH FLINDERS MINES LIMITED	354.72	14.60	300	FORBATH N.L.	2827.29	4.00	300	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201
HELM CORPORATION	1077.44	8.40	2007	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201	POSDEN MINING LIMITED	538.10	2.05	562	OIL SEARCH LIMITED	655.19	4.25	540
WESTFIELD HOLDINGS LIMITED	218.79	11.00	207	POSDEN MINING LIMITED	538.10	2.05	562	NORANDA PACIFIC LIMITED	532.44	3.80	228	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201
ACHER HOLDINGS LIMITED	168.75	8.00	207	NORANDA PACIFIC LIMITED	532.44	3.80	228	AUSTRALIAN CONSOLIDATED MINERALS LIMITED	206.59	2.70	684	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201
OFFSHORE INVESTMENT CORPORATION LIMITED	99.71	2.85	1411	AUSTRALIAN CONSOLIDATED MINERALS LIMITED	206.59	2.70	684	PANAMA MINING AND EXPLORATION COMPANY P.L.C.	278.14	5.70	231	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201
J.N. TAYLOR HOLDINGS LIMITED	58.32	3.97	324	PANAMA MINING AND EXPLORATION COMPANY P.L.C.	278.14	5.70	231	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201
INDUSTRIAL & PATROL HOLDINGS LIMITED	54.68	3.35	444	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201	NORTH BROOKER H.L. HOLDINGS LIMITED	170.33	5.42	5471	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201
KEVIN CORPORATION LIMITED	51.32	1.15	402	NORTH BROOKER H.L. HOLDINGS LIMITED	170.33	5.42	5471	SAINT RESOURCES LIMITED	168.50	3.20	1022	PAZ AUSTRALIA MINING LIMITED	1887.11	4.00	201
2000 HOLDINGS LIMITED	38.71	10.80	2419	SAINT RESOURCES LIMITED	168.50	3.20	1022								
S.A. BREWERY HOLDINGS LIMITED	35.71	6.40	425												
BTR N.V. LIMITED	35.36	6.40	425												
CLAYTON RICHARDS LIMITED	34.00	2.85	259												
AND INVESTMENTS LIMITED															
INDUSTRIAL STOCKS-MCAP BETWEEN 50M AND 200M				INDUSTRIAL STOCKS-MCAP BETWEEN 50M AND 200M				MINING AND OIL-MCAP BETWEEN 50M AND 200M				MINING AND OIL-MCAP BETWEEN 50M AND 200M			
STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)
TECHNOLOGY LIMITED	2913.98	4.50	158	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
WESTERN LIMITED	220.81	4.15	168	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
BOTMAN INVESTMENTS LIMITED	220.81	4.15	168	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
CORRORET AUSTRALIA LIMITED	182.87	1.15	86	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
ABOTT HOLDINGS LIMITED	152.58	0.80	80	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
DAVIDSON T.V. LIMITED	99.71	3.97	324	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
ASPERMENT LIMITED	59.07	7.00	87	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
BULEY INVESTMENT CORPORATION LIMITED	56.82	1.10	108	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
INTERNET LIMITED	56.82	1.10	108	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
ADLACE & WALLARD FERTILISERS LIMITED	49.90	2.25	88	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
JUPITER TRUST	45.75	1.45	148	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
QUEENSLAND THOMAS & HOLDINGS COMPANY LIMITED	43.15	8.50	148	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
FUEL CORPORATION LIMITED	43.15	8.50	148	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124	MADELLAN PETROLEUM AUSTRALIA LIMITED	17015.79	4.05	124
INDUSTRIAL STOCKS-MCAP LESS THAN 50M				INDUSTRIAL STOCKS-MCAP LESS THAN 50M				MINING AND OIL-MCAP LESS THAN 50M				MINING AND OIL-MCAP LESS THAN 50M			
STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)	STOCK NAME	P/E RATIO	PRICE (\$)	MCAP (MILL)
QUEENSLAND AUSTRALIA LIMITED	1932.43	2.85	38	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
QUEENSLAND GEORGE AND TECHNOLOGY LIMITED	1932.43	2.85	38	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
INDUSTRIAL RESOURCES LIMITED	263.51	0.75	34	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
BROCKSTONE AUSTRALIA LIMITED	237.43	1.25	46	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
WILLIAMS HOLDINGS LIMITED	220.37	0.25	27	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
MANGROVE INDUSTRIES LIMITED	100.53	0.48	11	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
IMPERIAL HOLDINGS LIMITED	94.25	0.95	17	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
POWELL LIMITED	84.49	0.18	18	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
SUNSHINE PROPERTIES LIMITED	79.11	0.20	30	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
AL VACANT INDUSTRIES LIMITED	79.11	0.20	30	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
NALPHACORP LIMITED	79.11	0.20	30	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
DAVIDSON HOLDINGS LIMITED	71.21	1.00	7	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13
DAVIDSON HOLDINGS LIMITED	71.21	1.00	7	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13	NALLAGOR HOLDINGS LIMITED	797.77	1.05	13

HIGH DIVIDEND YIELD STOCKS

INDUSTRIAL STOCKS-M.CAP > 200M

[illegible]

INDUSTRIAL STOCKS-M. CAP. BETWEEN 50M AND 200M

[illegible]

INDUSTRIAL STOCKS -M.CAP LESS THAN 50M

[illegible]

MINING AND OIL-M CAP. > 200M

[illegible]

MINING AND OIL-M. CAP. BETWEEN 190M AND 200M

STOCK NAME	YIELD	ENTRY	PRICE	MCAP (MILL)
WESTERN AUSTRALIA DIAMOND TRUST	7.78	0.00	1.25	81
COAL & ALLIED INDUSTRIES LIMITED	5.83	40.04	4.70	148
CLONENET LTD	5.93	45.00	9.00	105
CONSOLIDATED RUTILE LIMITED	3.83	48.00	7.00	110
WESTERN AUSTRALIAN BANKS	2.72	7.82	2.45	118
WESTERN AUSTRALIAN GOLD LIMITED	2.70	10.00	1.85	120
EASTERN AUSTRALIA LTD	1.98	31.74	2.80	100

MINING AND OIL-M.CAP. LESS THAN 50M

STOCK NAME	YIELD	EF TAX	PRICE	M.CAP (BILL)
MARY KATHLEEN URANUM	17.85	0.00	0.17	15
AUSTALIAN MINING INVESTMENTS LIMITED	8.53	0.00	0.54	48
21ST JAN BUNTA LIMITED	2.17	83.20	1.15	37
NACIFIC MINING LIMITED	1.50	0.00	0.50	7
NORTHEN GOLD FIELD LIMITED	0.45	0.00	6.45	45

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FIGURE 17 (Sheet 2034)

INDUSTRIAL STOCKS-AL CAP > 200M										MINING AND OIL-AL CAP > 200M									
STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)
APP INVESTMENT CORPORATION LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	WESTERN MINING CORPORATION HOLDINGS LIMITED	0.04	0.00	8.42	5471
NEW INVESTMENT CORPORATION LIMITED	0.30	13.12	11.00	1047	1404	0.30	13.12	11.00	1047	1404	0.30	13.12	11.00	1047	0.30	13.12	11.00	1047	1404
PA INVESTMENTS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
CLAYTON ROBERTS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
BELL GROUP LIMITED, THE	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
BTR WELLS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
JOHN FARMER LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
SOUTHERN FARMERS GROUP LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
J.R. TAYLOR HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
INDUSTRIAL GROUP LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
CHASE CORPORATION LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
DALGETY FARMERS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
INDUSTRIAL STOCKS-AL CAP BETWEEN 50M AND 200M										INDUSTRIAL STOCKS-AL CAP BETWEEN 50M AND 200M									
STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)
REL CORPORATION LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
THE GROUP LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
H.J. REECE HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
APERTMENT LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
DALEY INVESTMENT CORPORATION LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
DALEY INVESTMENTS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
BOC INVESTMENTS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
ANALAMATED HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
GOWING BROG LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
DALEY INVESTMENT CORPORATION LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
DARRELL AMBELL SECURITY LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
METRO INDUSTRIES LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
DAVEY BROTHERS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
GREATER PACIFIC INVESTMENTS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
INDUSTRIAL STOCKS-AL CAP LESS THAN 50M										INDUSTRIAL STOCKS-AL CAP LESS THAN 50M									
STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)	STOCK NAME	YIELD	EFYX	PRICE	M/CAF (M/L)
WATERLOO LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
THE INVESTMENT COMPANY	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
SOUTH LANE HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
MURCHISON HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
PETER'S WALL LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
INDUSTRIAL SECURITIES LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
MACKAY TELEVISION LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
ECO ENGINEERING SERVICES LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
STODOLSKA HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
DAVEY BROTHERS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
MCDONALD HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
MCDONALD HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
MCDONALD HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404
MCDONALD HOLDINGS LIMITED	0.08	0.08	15.42	20.10	65.43	0.08	0.00	3.96	14.11	AMERICO LIMITED	0.07	31.62	8.90	473	0.08	0.00	8.42	5471	1404

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FIGURE 18 (Sheet 21/34)

HIGH INCOME AND CAPITAL GAIN STOCK

INDUSTRIAL STOCKS				MINING AND OIL			
STOCK NAME	DIVIDEND	YIELD	%COMP ANL. PRICE RISE	STOCK NAME	DIVIDEND	YIELD	%COMP ANL. PRICE RISE
ALCOA LIMITED	14.65	1.33	1.22	WESTER AUSTRALIA DIAMOND TRUST	20.21	7.78	1.35
GPT INDUSTRIES LIMITED	1.20	1.20	1.20	WILKINSON GOLD MINES LIMITED	3.96	4.63	1.33
MURRAY RIVER DEVELOPMENTS LIMITED	5.96	7.27	1.22	WILKINSON MINES LIMITED	4.71	5.21	1.23
WESTFIELD TRUST	10.05	8.66	1.28	WILKINSON R.L. LIMITED	4.71	5.21	1.23
WESTLAND TRUST	8.21	8.65	1.22	CONSOLIDATED NITEL LIMITED	5.97	3.60	1.53
WILSON & WILSON LIMITED	4.35	5.44	1.28	ENERGY RESOURCES OF AUSTRALIA LIMITED	8.28	3.57	1.32
RED BROS HOLDINGS LIMITED	4.05	5.44	1.28	ENERGY RESOURCES OF AUSTRALIA CORPORATION	4.74	3.54	1.80
THORN EM (AUSTRALIA) LIMITED	7.89	5.66	1.19	INDUMINABLE COPPER LIMITED	4.23	3.08	1.34
CAPITAL PROPERTY TRUST	7.83	5.38	1.30				
WILSON & WILSON LIMITED	8.84	5.08	1.25				
YORK MOTORS HOLDINGS LIMITED	10.31	5.00	1.44				
ALLWOOD FURNITURE HOLDINGS LIMITED	8.69	5.00	1.34				
LATCO INVESTMENTS LIMITED	9.94	4.91	1.21				
WILSON & WILSON LIMITED	9.94	4.91	1.21				
NATIONAL AUSTRALIA BANK LIMITED	9.45	4.73	1.31				
AUSTRALIA & NEW ZEALAND BANKING GROUP LIMITED	9.45	4.73	1.19				
PERKINS PRINTERS LIMITED	5.95	4.73	1.19				
DAVID WHITE LIMITED	7.74	4.97	1.47				
CHALMERS LIMITED	5.25	4.43	1.25				
TOOTH & CO LIMITED	5.25	4.42	1.19				
WILSON & WILSON LIMITED	8.87	4.41	1.28				
MELBURN HOLDINGS LIMITED	4.21	4.41	1.16				
EDWARDS DAHLGREN & COMPANY LIMITED	5.19	4.34	1.19				
TUBEMANERS OF AUSTRALIA LIMITED	6.88	4.34	1.28				
HARVEST CORPORATION LIMITED	7.69	4.29	1.34				
WILSON & WILSON LIMITED	8.25	4.25	1.19				
MORRISONS LIMITED	5.25	4.17	1.55				
HAWCOCK & CORE LIMITED	5.68	4.12	1.55				

TIMELY BROKERS' RECOMMENDATIONS - SELL

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MINING AND OIL-M.CAP > 200M									
STOCK NAME	BROKER	CLOSE PR	BID/ASK PR	PREMIUM	M.CAP (MILL)	STOCK NAME	BROKER	CLOSE PR	BID/ASK PR
MC CAUGHAN DY	MC CAUGHAN DY	14.80	4.06	2.84	833	WILLIS TOWERS WATSON	MC CAUGHAN DY	14.80	4.06
HILL 50 GOLD MINE TLL	MC CAUGHAN DY	2.60	2.30	0.150	144	WILLIS TOWERS WATSON	MC CAUGHAN DY	14.80	2.84
ASHTON MINING LIMITED	MC CAUGHAN DY	2.60	2.30	0.225	174	WILLIS TOWERS WATSON	MC CAUGHAN DY	14.80	2.84
SONS OF GWALIA TLL	MC CAUGHAN DY	13.50	11.90	0.164	387	WILLIS TOWERS WATSON	MC CAUGHAN DY	14.80	2.84
MC CAUGHAN DY	MC CAUGHAN DY	5.40	4.80	0.128	607	WILLIS TOWERS WATSON	MC CAUGHAN DY	14.80	2.84
MINING AND OIL-M.CAP. BETWEEN 50M AND 200M									
STOCK NAME	BROKER	CLOSE PR	BID/ASK PR	PREMIUM	M.CAP (MILL)	STOCK NAME	BROKER	CLOSE PR	BID/ASK PR
WILLIS TOWERS WATSON	MC CAUGHAN DY	0.96	0.96	0.073	101	WILLIS TOWERS WATSON	MC CAUGHAN DY	0.96	0.96
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60	0.036	136	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60	0.036	136	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60
MINING AND OIL-M.CAP. BETWEEN 50M AND 200M									
STOCK NAME	BROKER	CLOSE PR	BID/ASK PR	PREMIUM	M.CAP (MILL)	STOCK NAME	BROKER	CLOSE PR	BID/ASK PR
WILLIS TOWERS WATSON	MC CAUGHAN DY	0.96	0.96	0.073	101	WILLIS TOWERS WATSON	MC CAUGHAN DY	0.96	0.96
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60	0.036	136	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60	0.036	136	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.70	2.60
INDUSTRIAL STOCKS-M.CAP > 200M									
STOCK NAME	BROKER	CLOSE PR	BID/ASK PR	PREMIUM	M.CAP (MILL)	STOCK NAME	BROKER	CLOSE PR	BID/ASK PR
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45	0.000	175	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45	0.000	175	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45	0.000	175	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45
INDUSTRIAL STOCKS-M.CAP. BETWEEN 50M AND 200M									
STOCK NAME	BROKER	CLOSE PR	BID/ASK PR	PREMIUM	M.CAP (MILL)	STOCK NAME	BROKER	CLOSE PR	BID/ASK PR
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45	0.000	175	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45	0.000	175	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45
WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45	0.000	175	WILLIS TOWERS WATSON	MC CAUGHAN DY	2.85	2.45

FIGURE 19B (Sheet 23/84)

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FIGURE 20 (Sheet 24/34)

SUBSTITUTE SHEET (RULE 26) (RO/AU)

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BEST PERFORMING STOCKS - LAST 5 WEEKS

FIGURE 21 (Sheet 25/34)

INDUSTRIAL STOCKS-M.CAP > 200M				MINING AND OIL-M.CAP > 200M			
STOCK NAME	% RISE	PRICE	M.CAP (MILL)	STOCK NAME	% RISE	PRICE	M.CAP (MILL)
BTR FVEX LTD	27.86	19.00	2413	ALL SOLO MINE N.L.	8.33	2.75	103
WESTFIELD HOLDINGS LIMITED	34.15	11.00	1047	CONSOLIDATED EXPLORATION LIMITED	44.00	5.40	839
CLAYTON RICHARD LIMITED	33.53	9.40	436	EMPEROR MINES LIMITED	31.71	8.20	368
WILLIS TOWERS WATSON PRODUCTS & LIMITED	23.53	8.00	1531	ASPERVILLE LIMITED	30.19	8.90	473
PAN REFINANCE LIMITED	22.95	8.00	1531	ALUMINA LIMITED	29.62	1.95	362
WATTE INDUSTRIES LIMITED	27.86	4.50	1206	ALCAN AUSTRALIAN LIMITED	28.17	1.80	530
HELA CORPORATION	28.22	6.00	292	BRIDGE OIL LIMITED	28.67	1.80	400
COMPUTER PRINTER LIMITED	29.37	4.40	918	FORGENTH N.L.	22.50	4.90	400
WALLA WALLA AUSTRALIAN LIMITED	20.00	0.80	242	WALLA WALLA AUSTRALIAN LIMITED	21.31	3.70	1088
BURWOOD PROPERTY TRUST	19.31	1.70	369	NOVONIA PACIFIC LIMITED	19.35	5.20	3504
TUBEMAKERS OF AUSTRALIA LIMITED	18.68	1.70	307	BELL RESOURCES LIMITED	18.81	12.40	385
NATIONAL COMMERCIAL INDUSTRIAL LIMITED	18.68	1.70	307	AUSTRALIAN CONSOLIDATED N.L.	18.81	12.40	385
WILLIS TOWERS WATSON PRODUCTS & LIMITED	18.68	1.70	307	WESTERN MINING CORPORATION HOLDINGS LIMITED	18.81	12.40	385
JAMES HARDIE INDUSTRIES LIMITED	15.50	4.00	874	PRID OIL LIMITED	19.24	1.75	420
PIONEER CONCRETE SERVICES LIMITED	15.16	3.50	2582				
INDUSTRIAL STOCKS-M. CAP BETWEEN 50M AND 200M				MINING AND OIL-M. CAP BETWEEN 50M AND 200M			
STOCK NAME	% RISE	PRICE	M.CAP (MILL)	STOCK NAME	% RISE	PRICE	M.CAP (MILL)
EQUITY FINANCE LIMITED	230.35	1.60	72	STRATEGIC MINERALS CORPORATION N.L.	83.33	2.75	103
N.L.K. VENTURES LIMITED	100.00	1.30	78	CENTRAL PACIFIC MINERALS N.L.	42.31	1.85	195
CLAYTON RICHARD LIMITED	80.00	1.20	78	WALLA WALLA AUSTRALIAN LIMITED	36.90	2.85	86
CLIFTON BROCK HOLDINGS LIMITED	42.31	3.00	96	HOME ENERGY COMPANY LIMITED	30.00	0.85	85
COLLINS & LEAHY HOLDINGS LIMITED	33.33	4.00	96	NORMANBY RESOURCES N.L.	27.59	3.70	173
PEPTIDE TECHNOLOGY LIMITED	33.33	2.00	77	EATNET LIMITED	25.58	2.70	135
QUEENSLAND TRADING & HOLDING COMPANY LIMITED	27.45	8.50	148	CLAYMONT PETROLEUM N.L.	22.50	1.30	101
ANTHONY RESOURCES LIMITED	26.67	0.28	71	CLAYMONT PETROLEUM N.L.	22.50	1.30	101
CONVALLITY LIMITED	25.00	3.90	127	GALEONGA MINERALS N.L.	22.34	1.30	130
WILLIS TOWERS WATSON PRODUCTS & LIMITED	22.22	1.10	109	MEKONG RESOURCES N.L.	20.89	0.35	80
BILLY INVESTMENT CORPORATION LIMITED	22.22	1.10	109	WALLA WALLA AUSTRALIAN LIMITED	19.67	0.75	92
SHENWIN PASTORAL COMPANY LIMITED	20.49	1.00	72	SOUTHERN PACIFIC PETROLEUM N.L.	18.88	0.82	182
THORN EMI (AUSTRALIA) LIMITED	20.45	2.85	111	ACORN SECURITIES LIMITED	16.52	2.60	105
INDUSTRIAL STOCKS-M. CAP LESS THAN 50M				MINING AND OIL-M. CAP LESS THAN 50M			
STOCK NAME	% RISE	PRICE	M.CAP (MILL)	STOCK NAME	% RISE	PRICE	M.CAP (MILL)
GAUPWERT TECHNOLOGY LIMITED	181.25	0.90	16	GOLDEN OIL N.L.	137.50	0.19	6
A.P. GROUP LIMITED	100.00	0.85	12	PERSEVERANCE CORPORATION LIMITED	80.58	3.25	21
CLAYTON RICHARD LIMITED	80.00	1.20	78	CLAYTON RICHARD LIMITED	74.24	1.15	36
CLAYTON RICHARD LIMITED	65.00	1.85	11	SAVANNAH EXPLORATION N.L.	60.00	0.32	21
CLAYTON RICHARD LIMITED	65.00	1.85	11	MANOOR PETROLEUM N.L.	55.33	0.23	16
CAPITAL CITY PROPERTY LIMITED	81.25	0.58	16	BAMBOO GOLD MINES LIMITED	50.00	1.35	23
VALET INTERNATIONAL LIMITED	73.33	0.28	6	NEW VOLCANO MINERALS N.L.	46.44	0.05	13
VALET INTERNATIONAL LIMITED	60.00	1.20	4	GREAT AUSTRALIA RESOURCES N.L.	44.00	1.80	36
MARSHION HOLDINGS LIMITED	60.00	1.20	4	MEIGIES GOLD N.L.	42.84	0.79	19
FORRES SECURITIES LIMITED	53.85	1.00	39	WAGLAMORE OIL N.L.	41.18	0.24	15
HUNTER DOUGLAS LIMITED	53.36	1.00	39	STANTOL N.L.	40.50	0.28	13
SOFTWARE CORPORATION OF AUSTRALIA LIMITED	50.00	0.18	3	TEPIK RESOURCES N.L.	40.00	0.28	13
WILLIS TOWERS WATSON PRODUCTS & LIMITED	46.44	0.05	16				
MEDICAL INNOVATIONS LIMITED	46.44	0.05	16				
CHEN HING CORPORATION LIMITED	46.44	0.05	16				
WICKHAM (AUSTRALIA) LIMITED	43.75	0.23	37				

FIGURE 23 (Sheet 27/34)

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FIGURE 24 (Sheet 28/34) WORST PERFORMING STOCKS - LAST WEEK 17.7.87

INDUSTRIAL STOCKS-M.CAP > 200M					MINING AND OIL-M. CAP > 200M				
STOCK NAME	% FALL	PRICE	M.CAP (MILL)		STOCK NAME	% FALL	PRICE	M.CAP (MILL)	
ACELAGE BRIGHTON CEMENT HOLDINGS LIMITED	0.00	2.30	313		ASHTON MINING LIMITED	5.28	3.90	710	
HUMBLE LIMITED	5.36	2.85	273		ATKINS CORPORATION LIMITED	2.71	3.70	187	
ACORN HOLDINGS LIMITED	4.78	6.00	207		ATKINS COPPER LIMITED	2.45	4.78	167	
ACORN HOLDINGS LIMITED	4.78	6.00	207		C.I.S.R. LIMITED	0.08	3.95	2150	
A.C.I. INTERNATIONAL LIMITED	4.44	4.30	1713		PERGOVALLEDGE LIMITED	0.00	7.80	1388	
CUMBERLAND CREDIT CORPORATION LIMITED	4.17	9.82	226		ADRIAPOLIS LIMITED	0.00	5.75	305	
AMERICAN INVESTMENT LIMITED	3.23	1.50	205		ADRIAPOLIS CORPORATION LIMITED	0.00	3.00	255	
AMERICAN INVESTMENT LIMITED	3.23	1.50	205		BARROCK MINES LIMITED	0.00	4.60	238	
AUSTRIAN ASSET MANAGEMENT LIMITED	3.00	1.80	249		C.I.A. LIMITED	-0.48	10.50	5560	
JOHN FANFAN LIMITED	2.84	4.85	1465		ENERGY RESOURCES OF AUSTRALIA LIMITED	-1.82	2.80	1142	
LEND LEASE CORPORATION LIMITED	2.44	14.75	187		ENERGY RESOURCES OF AUSTRALIA LIMITED	-1.82	2.80	1142	
LEND LEASE CORPORATION LIMITED	2.44	14.75	187		ENERGY RESOURCES OF AUSTRALIA LIMITED	-1.82	2.80	1142	
INTERNATIONAL INCOME PROPERTY INC	2.17	22.50	255		NORTH FLANKERS MINES LIMITED	-2.07	14.80	530	
S.A. BREWING HOLDINGS LIMITED	2.10	3.82	886		WEIR PETROLEUM LIMITED	-2.27	11.25	733	
AMCOR LIMITED	2.00	4.40	1825		SONS OF GUNALU LIMITED	-2.27	13.35	387	
INDUSTRIAL STOCKS-M. CAP BETWEEN 80M AND 200M					MINING AND OIL-M. CAP BETWEEN 80M AND 200M				
STOCK NAME	% FALL	PRICE	M.CAP (MILL)		STOCK NAME	% FALL	PRICE	M.CAP (MILL)	
CHAMPION AUSTRALIA LIMITED	18.86	1.55	28		ATKINS LIMITED	13.11	0.80	81	
CHAMPION AUSTRALIA LIMITED	18.86	1.55	28		ATKINS LIMITED	13.11	0.80	81	
ENTRANCE CORPORATION LIMITED	13.81	1.60	124		AUSTALIA GOLD N.L.	10.75	0.83	71	
WALTONS BOLD LIMITED	10.28	0.35	81		EROMANGA HYDROCARBONS N.L.	8.87	0.32	77	
HEALTH AND LIFE CARE LIMITED	8.68	1.40	77		A.G.L. MINERALS LIMITED	7.74	0.75	81	
DANING INVESTMENTS LIMITED	8.33	1.60	86		EROMANGA N.L.	7.14	1.35	87	
PRO-IMAGE STUDIO LIMITED	8.00	2.30	153		CHASS MINERALS N.L.	6.87	1.40	82	
SEA WORLD PROPERTY TRUST	8.67	0.70	130		WEST COAST HOLDINGS LIMITED	5.71	0.85	98	
TELECASTING NORTH QUEENSLAND	8.54	4.00	84		ASTERN MINES N.L.	5.71	2.75	100	
QUEENSLAND INVESTMENT TRUST	8.25	0.75	107		ASTERN MINES N.L.	5.71	2.75	100	
UTIC LIMITED	5.88	1.60	73		THAMES MINING N.L.	5.00	0.65	78	
NATIONAL PROPERTIES LIMITED	5.71	1.60	62		PETROLEUM SECURITIES AUSTRALIA LIMITED	4.58	1.05	51	
UTIC LIMITED	5.71	1.60	62		IPA ORA GOLD CORPORATION N.L.	4.35	0.75	71	
NATIONAL PROPERTIES LIMITED	5.66	2.50	76		SARCOO PETROLEUM N.L.	4.28	0.48	83	
INDUSTRIAL STOCKS-M. CAP LESS THAN 80M					MINING AND OIL-M. CAP LESS THAN 80M				
STOCK NAME	% FALL	PRICE	M.CAP (MILL)		STOCK NAME	% FALL	PRICE	M.CAP (MILL)	
THORNDON AND LIMITED	16.33	1.75	9		MEACATHA MINERALS N.L.	42.00	0.39	3	
GEARPACT TECHNOLOGY LIMITED	36.00	0.31	5		MEACATHA MINERALS N.L.	42.00	0.39	3	
PREDICROSS TECHNOLOGY LIMITED	35.71	0.18	5		HAMSTONE INVESTMENTS LIMITED	18.87	0.05	4	
LASER LAB LIMITED	28.57	0.35	3		GOLDEN HILLS AUSTRALIA LIMITED	15.00	0.17	13	
PRO-IMAGE STUDIO LIMITED	28.57	0.35	3		CENTRAL AUSTRALIAN GOLD MINES N.L.	14.81	0.29	18	
NEWMAN PARK SYD. LIMITED	25.00	0.30	17		ORCA PETROLEUM N.L.	14.28	0.12	14	
CENTREGEN LIMITED	25.00	0.09	1		STRENGTH PETROLEUM N.L.	14.28	0.09	18	
CENTREGEN LIMITED	25.00	0.09	1		STRENGTH PETROLEUM N.L.	14.28	0.09	18	
DAWSON INTERNATIONAL LIMITED	18.75	0.13	3		GOLD PARTNERS N.L.	12.80	1.35	28	
DAWSON INTERNATIONAL LIMITED	18.75	0.13	3		STRENGTH PETROLEUM N.L.	12.80	1.35	28	
AUSTRIAN METALS EXCHANGE LIMITED	18.33	0.48	8		MOUNT KERRY MINING N.L.	12.50	0.35	9	
ACCESS TECHNOLOGY LIMITED	17.78	0.15	5		WESTERN AUSTRALIAN MINES LIMITED	12.50	1.40	34	
VICTORY INVESTMENTS LIMITED	17.38	0.35	8		WESTERN AUSTRALIAN MINES LIMITED	12.50	1.40	34	

FIGURE 25 (Sheet 29/34)

SUBSTITUTE SHEET (RULE 26) (RO/AU)

WORST PERFORMING STOCKS - LAST 13 WEEKS

SUBSTITUTE SHEET (RULE 26) (RO/AU)

FIGURE 27 (Sheet 31/34)

WORST PERFORMING STOCKS - LAST 52 WEEKS

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COMMODITY PRICES

FIGURE 28 (Sheet 32/34)

U.S. DOLLARS

COMMODITIES		UNITS	PERCENTAGE CHANGE FROM				
			PRICE \$2 WMS AGO	13 WMS AGO	8 WMS AGO	1 WK AGO	
WEST TEXAS INT. NY	BARREL		22.40	73.64	20.04	12.79	
GOLD (NEW YORK)	TROY OZ		460.00	28.46	2.95	-1.08	
PLATINUM (NY)	TROY OZ		573.50	30.34	-1.87	2.78	
PALLADIUM (NY)	TROY OZ		141.00	24.78	2.17	0.71	
SILVER (NEW YORK)	TROY OZ		755.50	48.47	5.02	-2.14	
COPPER (LONDON)	TONNE		1603.11	25.10	10.89	3.86	
LEAD (LONDON)	TONNE		86.44	18.81	4.81	-2.28	
NICKEL (LONDON)	TONNE		4940.42	29.42	25.05	7.60	
ZINC (NY LONDON)	TONNE		811.69	0.80	8.09	-12.51	
ALUMINUM (LONDON)	TONNE		1664.31	81.64	18.59	12.75	
COTTON (NEW YORK)	LB		73.37	13.02	29.96	2.43	
SUGAR (LONDON)	TONNE		162.72	23.00	-3.86	-4.18	

AUSTRALIAN DOLLARS

COMMODITIES	UNITS	PERCENTAGE CHANGE FROM				
		PRICE \$2 WMS AGO	13 WMS AGO	8 WMS AGO	1 WK AGO	
WEST TEXAS INT. NY	BARREL	31.26	56.13	20.41	14.12	4.71
GOLD (NEW YORK)	TROY OZ	834.83	18.38	3.27	0.12	1.03
PLATINUM (NY)	TROY OZ	807.87	17.19	-1.86	-0.81	2.47
PALLADIUM (NY)	TROY OZ	188.95	12.19	2.49	1.91	0.42
SILVER (NEW YORK)	TROY OZ	1091.57	33.50	9.34	-0.88	-1.87
COPPER (LONDON)	TONNE	2249.07	12.48	11.33	4.68	-2.31
LEAD (LONDON)	TONNE	941.92	62.24	11.17	6.11	-2.51
NICKEL (LONDON)	TONNE	6960.29	13.87	25.44	9.08	6.37
ZINC (NY LONDON)	TONNE	1143.87	-8.54	8.43	-11.48	-4.97
ALUMINUM (LONDON)	TONNE	2272.83	38.34	18.85	14.20	3.08
COTTON (NEW YORK)	LB	103.37	0.72	30.38	3.84	1.70
SUGAR (LONDON)	TONNE	228.25	10.82	-4.56	-3.02	-7.24

16. EXCHANGE RATES

CURRENCIES	PERCENTAGE CHANGE FROM				
	BUY RATE \$2 WMS AGO	13 WMS AGO	8 WMS AGO	1 WK AGO	1 WK AGO
TRADE WEIGHTED INDEX	55.00	5.67	0.00	0.54	-0.36
U.S. DOLLAR	0.71	10.92	-1.26	-1.26	0.07
BRITISH POUND	0.43	3.01	-1.03	0.77	-0.65
JAPANESE YEN	108.84	6.08	4.85	4.08	0.44
NEW ZEALAND DOLLAR	1.18	-2.13	-2.13	-4.24	-0.80
WEST GERMAN DEUTSCHE MARK	1.30	-4.86	0.33	1.17	0.04
HONG KONG DOLLAR	5.55	10.60	-1.11	-1.23	0.11
SWISS FRANC	1.09	-2.43	1.90	1.88	-0.18
FRENCH FRANC	4.33	-2.15	0.44	0.88	-0.26
SINGAPORE DOLLAR	1.50	7.74	-1.96	-0.79	0.00
TAIWAN DOLLAR	842.00	-0.21	1.94	1.40	-0.33
PAKISTAN NEW GUINEA KINA	0.04	4.36	-0.32	0.33	0.08

COMMODITY PRICES / 16. EXCHANGE RATES

19 JUNE 1987

TAKEOVER WATCH

[illegible]

FIGURE 30 (Sheet 34/34)

TAKEOVER WATCH

INDUSTRIAL STOCKS-M.CAP > 200M

[illegible]

INDUSTRIAL STOCKS-M. CAP. BETWEEN 50M AND 200M

[illegible]

INDUSTRIAL STOCKS-M. CAP LESS THAN 50M

STOCK NAME	VOLUME INDEX	PRICE	M.CAP (MIL)
3M	215	3	2
AMER. AIR	24	0.48	3
AMER. AIR	15	0.40	3
ALTRAC	10.50	1.50	41
AMER. GROUP	10.12	1.25	20
AUSTRALIAN RESOURCES LTD	10.12	1.25	20
AMER. GROUP	9.77	3.85	44
JOYCE CORPORATION LTD	5.69	1.50	17
MULTI TRANSPORT HOLDINGS LIMITED	2.74	0.50	17
AMER. GROUP	1.55	1.00	12
AMER. GROUP	1.55	1.00	12
AMER. GROUP	1.38	1.10	12
AMER. GROUP	1.38	1.10	12
AMER. GROUP	1.00	0.18	2
AMER. GROUP	0.95	0.06	3
AMER. GROUP	0.95	0.06	3

TRAINING AND OIL-M CAP. > 200M

[illegible]

MINING AND OIL-M. CAP. BETWEEN 60M AND 200M

[illegible]

MINING AND OIL-M.CAP. LESS THAN 50M

[illegible]

10.7.87

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

As a below named Inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which patent is sought on the invention entitled:

the specification of which

☒ is attached hereto OR ☐ was filed on _____ as United States Application Number _____ or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application No.	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed		Certified Copy Attached	
			Yes	No	Yes	No
P00593	AUSTRALIA	05/27/1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCT/AU00/00551	AUSTRALIA	05/25/2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. or PCT Parent Application No.	Parent Filing Date (MM/DD/YYYY)	Parent Patent No. (if applicable)

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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